

## DEPARTMENT OF THE ARMY SUPPLY BULLETIN

### Army Medical Department Supply Information

Headquarters, Department of the Army, Washington, DC 20310-2300

20 April 2001

Effective until rescinded or superseded

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#### NOTICE

This Supply Bulletin is devoted entirely to  
TOE Medical Units and Logistics Personnel

## OVERVIEW

This Supply Bulletin is produced to assist the Logistics Personnel and the soldier in the field units in enhancing readiness with their equipment and within their unit.

The feedback sheet below requests your proposals for improving the next edition of this Supply Bulletin. It also serves as a vehicle for submitting questions, problems and proposed solutions pertaining to non-medical equipment or ASIOE. The goal is to make future editions of this Supply Bulletin as informative and effective as possible.

### CUSTOMER FEEDBACK For SB 8-75-S4 Dated 20 April 2001

Response From: \_\_\_\_\_  
 \_\_\_\_\_  
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Telephone: \_\_\_\_\_ FAX \_\_\_\_\_  
 E-mail \_\_\_\_\_

#### FEEDBACK (Please provide any constructive criticism about this edition):

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#### COMMENTS (Please submit any questions, problems or solutions pertaining to non-medical equipment or ASIOE):

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Send this sheet with comments to:

**United States Army Medical Materiel Agency**  
**Attn: MCMR-MMR-M**  
**Suite 100, Rm 104A**  
**1423 Sultan Dr.**  
**Fort Detrick MD 21702-5001**  
**DSN 343-4465 / Commercial 301-619-4465**

## **CHAPTER 1. THE ARMY MEDICAL DEPARTMENT (AMEDD) LOGISTICS ASSISTANCE PROGRAM**

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### **1-1. THE LOGISTICS ASSISTANCE PROGRAM (LAP) GOALS**

a. The U.S. Army Medical Materiel Agency (USAMMA) is revamping its Army Medical Department (AMEDD) Logistics Assistance Program (LAP) to focus on vital medical logistics issues that affect the readiness of the deployable medical force. The USAMMA's theme is two-fold:

First, to assist Major Army Commands (MACOMs) and unit commanders in analyzing the true readiness posture of their units; and

Second, to ensure the USAMMA has sufficient medical logistics information to accomplish its missions.

b. Primary objectives for the Army include - but are not limited to:

- Establish a baseline of medical materiel readiness levels within various medical organizations,
- Identify potential factors that detract from logistics readiness,
- Recommend solutions to identified factors, and
- Develop a knowledge management network and disseminate useful information to organizations.

c. The USAMMA's LAP will be conducted in a two-phased operation. Phase one will focus on identifying those issues that impact the medical logistics readiness of the deployable medical force, and conducting analysis on those issues in order to provide appropriate measures to alleviate the impact. Phase two will focus on providing customer-oriented actions that increase medical logistics readiness. The direction and scope of the USAMMA LAP will be continually re-assessed in order to provide the MACOMs and unit commanders the most appropriate level of support. Characteristics of the LAP are:

(1) Provide a means to collect, correlate, assess, and disseminate information on those factors that have been found to result in decreased medical logistics readiness.

(2) Provide MACOMs and unit commanders with the technical guidance necessary to resolve medical logistics problems.

(3) Identify and provide reports through channels on all medical logistics functions that have been identified as having an adverse impact on medical logistics readiness including supply, maintenance, transportation, personnel, training, organization, systems, and doctrine.

(4) Provide improvements and sustain the readiness of medical materiel systems and medical logistics support of Active Army, National Guard, and Reserve Component Forces.

d. The goals of the USAMMA LAP are mutually supported by the Combat Support Equipment Assessment (CSEA) as outlined above.

## **1-2. THE USAMMA LOGISTICS ASSISTANCE PROGRAM POLICY**

a. The USAMMA is responsible to The Surgeon General (TSG) for Army medical materiel logistics assistance. This includes:

- (1) Resolving problems related to medical materiel support and medical equipment maintenance.
- (2) Conducting liaison and logistics assistance visits (LAVs).
- (3) Providing technical guidance and assistance.
- (4) Conducting follow-on evaluation of newly introduced items of materiel for the Modification Table Of Organization and Equipment (MTOE) activities.

b. The USAMMA Commander will provide assistance to subordinate activities and installations by:

(1) Conducting reviews every 12 months of the logistics program at their subordinate activities. Results of these reviews will be provided to the MEDCOM Assistant Chief of Staff for Logistics (ACSLOG) within 30 days of the visit.

(2) Reviewing logistics policy, doctrine, training, personnel, and funding matters that affect logistics.

(3) Reviewing logistics operations to include as appropriate:

- (a) Medical materiel inventory management.
- (b) Medical maintenance.
- (c) Property management.
- (d) Medical Care Support Equipment (MEDCASE).
- (e) Transportation.
- (f) Environmental and textile care services.
- (g) Facilities engineering functions that impact on logistics.
- (h) Financial management.
- (i) Special Medical Augmentation Reaction Teams (SMART).

(4) Identifying problems at all levels so commanders and staff can take corrective action.

(5) Providing a vertical assessment through command and technical channels to identify the root causes of problems.

c. Commanders of AMEDD activities MTOE and Table(s) of Distribution and Allowances (TDA) will establish and formally document a Command Supply Discipline Program (CSDP) at each activity. The CSDP is a commander's program. Therefore, commanders, supervisors, and managers are required to implement the provisions of Army Regulation (AR) 710-2, Appendix B, in order to standardize supply discipline throughout the AMEDD and the Army. As a mandatory program, CSDP is meant to simplify command, supervisory, and managerial responsibilities. This program includes the evaluation of hand-receipt holders at all levels.

## **1-3. THE USAMMA LOGISTICS ASSISTANCE VISITS (LAV)**

a. The USAMMA LAV teams will visit field medical units based on MACOM determination of need and availability of the USAMMA resources. When possible, LAVs will coincide with the USAMMA modernization efforts, such as major fielding.



(1) The USAMMA LAV schedules will be published upon coordination and concurrence of the MACOM.

(2) The LAV team chiefs will keep assisted commanders informed of their activities and findings by using such procedures as in- and out-briefings and after-visit reports.

(3) Copies of customer assistance visit reports will be provided to the visited commander.

b. The areas of interest for LAVs are dependent on MACOM determination of need, but may include the following:

(1) Medical materiel support to the unit.

(2) Medical materiel fielding issues and follow-on evaluation.

(3) Medical materiel containerization, storage, and transportation topics.

(4) Quality assurance of medical materiel.

(5) Medical equipment maintenance support.

(6) Readiness reporting to include non-medical Associated Support Items of Equipment (ASIOE).

c. Based on unique personnel and experience base within the USAMMA, direct communication between field medical units and the USAMMA is authorized and encouraged. However, this coordination should be shared within the chain of command of the requesting unit.

d. The USAMMA may provide assistance concerning problems with unsatisfactory support from other than medical supply sources if these problems cannot be resolved at the MACOM level.

e. The U.S. Army National Guard (ARNG) and United States Army Reserve (USAR) considerations for logistics assistance in addition to their chain of command, ARNG and USAR units may also obtain medical logistics assistance from their supporting Installation Medical Supply Activity (IMSA)/Medical Logistics Battalions (MEDLOG Bn) and the USAMMA/the U.S. Army Medical Materiel Center, Europe (USAMMCE).

f. For additional information contact:

USAMMA  
ATTN: MCMR-MML  
1423 SULTAN DR  
FORT DETRICK MD 21702-5001  
Telephone DSN 343-4355 or 301-619-4355.

## CHAPTER 2. SUPPORT ITEMS OF EQUIPMENT COMMON DEFICIENCIES

### 2-1. NON-MEDICAL EQUIPMENT INSPECTED DURING FIELD VISITS

The non-medical ASIOE associated with the Deployable Medical Systems (DEPMEDS) was inspected by the USAMMA during field visits and found to have common deficiencies. Included in this chapter is a synopsis of those problems and deficiencies with ASIOE. Table 2-1 shows equipment assigned to Army hospital units.

Table 2-1. ASIOE Assigned To Army Hospital Units	
Equipment Item Nomenclature	NSN
Shelter, Tactical, Expandable, One-Sided (60 AMP Model)	5411-01-124-1377
Shelter, Tactical, Expandable, One-Sided (100 AMP Model)	5411-01-295-3444
Shelter, Tactical, Expandable, Two-Sided (60 AMP Model)	5411-01-136-9838
Shelter, Tactical, Expandable, Two-Sided (100 AMP Model)	5411-01-294-9866
Container, General Cargo (MILVAN)	8115-01-241-7524
Refrigerated Container, Assembly	8145-01-388-4966
Dolly Set, M-1022	2330-01-167-7262
Dolly Set, M-1022A1	2330-01-378-9997
Generator, 100kW	6115-01-134-0165
Heater, H-82	4520-01-254-8548
Forklift, MHE-270	3930-01-330-8907
Air Conditioner, AE32C39	4120-01-150-8112/ 4120-01-283-4096
Power Distribution Center, M-400, PEU-155/E	6110-01-248-6671
Electrical Utility Assembly M-46	6150-01-208-9751
Electrical Distribution System (DISE) M-40 AMP	6150-01-208-9753
Electrical Feeder System (DISE) M100, 100 AMP	6150-01-208-9754
Modular Field Kitchen	7360-01-276-9817
Food Sanitation Center	7360-01-277-2558
Cable Assembly, 100A	6150-01-220-5587
Cable Assembly, 60A	6150-01-220-5588
Cable Assembly, Phase	6150-01-258-1202
Tent TEMPER	8340-01-185-2614 8340-01-185-2616 8340-01-185-2617 8340-01-185-2618
Passage Ways (ISO/TEMPER)	8340-01-260-7452
Passage Ways (ISO/ISO)	8340-01-277-0620

### 2-2. IMPROVEMENT OF 10/20 MAINTENANCE STANDARDS AT UNIT LEVEL

a. Maintenance of the ASIOE, generally, can be improved. Problems with maintaining equipment begin with a basic need for training. It was found that unit personnel are not aware of the requirements in the Technical Manuals (TMs) for the equipment including:

- (1) Operator's preventive Maintenance Checks and Services;
- (2) Operator Maintenance Instructions;
- (3) Troubleshooting Procedures;
- (4) Maintenance Allocation Charts;
- (5) Repair Procedures;
- (6) Repair Parts;
- (7) Special Tools;
- (8) Test, Measurement, and Diagnostic Equipment (TMDE) and Support Equipment.

b. The TMs for all DEPMEDS assigned equipment plainly states under Preventive Maintenance Checks and Services (PMCS) an equipment Inspection and Maintenance worksheet DA Form 2404 (see example on page 2-4) will be used to record all maintenance and services when the equipment is serviced and/or deficiencies are noted and parts replaced.

c. There were no records being maintained on the shelters (DA Form 2404) to indicate services completed and deficiencies noted and parts ordered and or replaced.

d. Similarly, unit personnel are not aware of the Intermodal Training Course at the U.S. Army Defense Ammunition Center and School, McAlester, OK. Unit hospital personnel can develop the internal capability for certifying containers simply by having unit personnel attend the training available at this facility.

### **2-3. SHELTERS, TACTICAL EXPANDABLE**

a. The majority of the containers were not deployable because the International Convention for Safe Containers Certification (CSC) had expired. A new container is issued with a valid CSC certification that is good for five years from the date of manufacture. At that time the container must be inspected in accordance with the International Convention for Safe Containers or CSC. Every 30-month period thereafter a qualified inspector must re-inspect each container. If the container passes this inspection, a Department of Defense (DD) Form 2282 (see example on page 2-5) safety inspection decal shall be applied to the CSC safety approval plate by the inspector.

The Intermodal Equipment Division (IED) at the following address issue decals:

Commander, HQ Military Traffic Management Command  
ATTN: MTOP-JE, Container Management Team (CMT)  
200 Stovall ST  
Alexandria VA 22332.

b. The results of the inspections of International Standardization Organization (ISO) for Shelters are:

- (1) Damage to ISO Shelter panels that have been torn and are not covered to protect the panel honeycomb from getting wet;
- (2) No PMCS being performed on ISO Shelters;
- (3) Container not marked with proper 2 inch stencils – (no serial number over cargo/personnel doors);
- (4) Minor rust on all corner fittings;
- (5) Roof panels have loose patches with evidence of leaking water into the roof panel;

- (6) Inside roof panel hold-down latches are broken;
- (7) Inside roof panel hold-down latches are bent;
- (8) Hinges connecting the fold-out panels to floor are loose and the rivets are pulled loose;
- (9) Floor panels have small dents;
- (10) Floor hinge pin extended out about one inch beyond the corner post;
- (11) Upper roof seals are cracked and torn;
- (12) Plastic caps not installed over water hose outlets (when the protective caps are not installed, rats, chipmonks, and insects will enter through this area and destroy items inside the shelter);
- (13) Fresh water connections need to be covered (dirt inside them);
- (14) No scissors jacks installed under shelter for added support to the floor panels when the shelter is expanded;
- (15) Fluorescent light hold-down screws chaffing outer wall panels;
- (16) Shelter not grounded with proper ground (SAFETY);
- (17) Unit personnel cannot connect the sink unit to the shelter, water, and power; the shelter was issued to the unit without the required modification to the plumbing panel in the shelter;
- (18) USAH/U ownership codes not stenciled on roof panels or sides of shelters in 4-inch markings;
- (19) Shelter not marked IAW DOD 4500.9-R-1 dated 11 April 97, page 4-2, paragraph a, composition and marking maximum gross and tare weight shall be displayed in both kilograms and pounds, consisting of 5 and 4 characters respectively;
- (20) Velcro strips that retain and hold the electric cables inside the shelter are missing and at times when the shelters are expanded the Velcro strips are found to be sticking out of the roof and wall panel;
- (21) Rivets are missing on the support jack that retains the safety pin cable;
- (22) Rubber nonskid pad missing from the hinged roof support strut;
- (23) Weld broken loose in the forklift channels;
- (24) Roof assist steps will not stay in the stow position;
- (25) Cable lock down devices (stop plates on load balancer inside shelter) are not pinned and locked into the safe position while the shelter is expanded. (SAFETY);
- (26) The environmental control panels not installed properly allowing water to enter shelter;
- (27) Shelter toolboxes not complete;
- (28) ISO shelter lift jacks not lubricated properly;
- (29) ISO shelters being painted or marked with other than Chemical Agent Resistant Coating (CARC) paint;
- (30) ISO shelter expandable rubber seals torn, painted;
- (31) Unit has ISO shelter defect written up on DA Form 2407 with no parts placed on order;
- (32) Tie-down inserts in floor of shelter not protected with tape to keep dirt from entering inserts when shelter is expanded;
- (33) Shelters dirty and require cleaning inside and out;
- (34) Floor hinges not protected with tape to keep dirt from entering hinge when the shelter is expanded.
- (35) Bottom rails bent from being placed on dunnage too hard;

## DA FORM 2404, EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION					2. NOMENCLATURE AND MODEL				
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. BOUNDS FIRED	d. HOT STARTS	5. DATE		6. TYPE INSPECTION	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a – Enter TM item number. COLUMN b – Enter the applicable condition status symbol. COLUMN c – Enter deficiencies and shortcomings.					COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e – Individual ascertaining completed corrective action initial in this column.				
STATUS SYMBOLS									
"X" – Indicates a deficiency in the equipment that places it in an inoperable status.  CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.  HORIZONTAL DASH "-" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "/" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.  LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL – Indicates that a completely satisfactory condition exists.  FOR AIRCRAFT - Status symbols will be recorded in red.				
<b>ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED            IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.</b>									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME		10. MANHOURS REQUIRED
<div style="font-size: 100px; opacity: 0.5; transform: rotate(-10deg);">EXAMPLE</div>									

**DD FORM 2282 DECAL**  
**MIL-HDBK-138**

- Notes: 1. To improve clarity, decals are shown larger than actual size.
2. Decals are to be removed completely from containers failing the applicable inspection criteria

Decal with top "IMDG" portion remaining indicates container is serviceable for shipment of all items including UN Hazard Class 1 items (ammunition).

Punch hole indicates that CSC re-inspection is due before Jan 2002

Decal with top "IMDG" portion removed (or punched out) indicates container is only serviceable for shipment of general cargoes and cannot be used for UN Hazard Class 1 (IMDG) items.

Punch hole indicates that CSC re-inspection is due before Sep 2002

**2-4. CONTAINER, GENERAL CARGO, MILITARY-OWNED DEMOUNTABLE CONTAINER (MILVAN), NSN 8115-01-241-7524**

a. The majority of MILVANS inspected required a CSC inspection and recertification. The bulk of deficiencies noted on the MILVANS were for having minor rust on frames, door assemblies, hinges, hardware, and panels. Two of the hospitals visited had MILVANS painted with sand-colored paint. This paint covered everything including seals and markings. The obvious problems here are that when a seal is painted over, it will rapidly deteriorate and containers without markings are non-deployable. Additionally, also commonly noted the hospital personnel are not familiar with the requirements contained in the TM 55-8115-204-23&P.

b. The results of the inspections of MILVANS are:

- (1) Ribs dented on roadside panel;
- (2) Minor dents on end-wall panel;
- (3) 30% to 60% rust on entire container.
- (4) Seal pinched and rolled on double-side door.
- (5) Center lock bars on side and middle doors are chaffed.
- (6) Hole in roof panel near corner fitting caused by rough terrain cargo handler (RTCH).
- (7) Dent punched into roof panel by the rough terrain cargo handler (RTCH).
- (8) Hazardous Material (HAZ-MAT) cardholder frames broken and bent on the MILVAN.
- (9) Bottom side rails are slightly bent from being set down too hard on the dunnage.
- (10) Minor scrapes on roadside panel.
- (11) Minor scrapes on rear end frame.
- (12) United States Army Hospital (USAH) ownership codes not stenciled on roof panels or sides of milvans in four-inch markings.
- (13) MILVANS being painted or marked with other than CARC paint.
- (14) Loose screws in floor panels.
- (15) Door Gaskets (seal) torn and requires replacement.
- (16) Long term storage vent caps removed and hole not covered.
- (17) Forklift channel frame bent or broken.
- (18) No PMCS being performed on MILVANS.
- (19) Door latching mechanisms and hinges not lubricated.
- (20) Plywood panel hold down nuts loose and or broken on side walls inside container.
- (21) Kick plate not secured to plywood panel inside container.
- (22) Restraining chains are broken or missing.
- (23) Door-locking-mechanism locking device bent or broken.
- (24) Panel joint end missing or broken inside container.
- (25) Weld studs to retain plywood sheets inside container broken or missing.
- (26) Floor gasket working loose between floorboards.
- (27) MILVANS being damaged by forklifts.

**2-5. DOLLY SET, M-1022, NSN 2330-01-167-7262**

The majority of the M-1022 dolly sets are in an extremely poor maintenance condition, with extensive rust on most of the components, connections, lift cylinders, tow bars, and hydraulic

fittings. The electrical cables are dry rotted, the end connectors are missing, and the rubber components have dry rotted.

- a. No PMCS being preformed on Dolly sets.
- b. Toolbox left open with water and rust on the basic items of issue.
- c. Dolly caster tires, wheels and axles missing.
- d. Extensive rust on complete frame of dolly set.
- e. CARC paint on air springs.
  
- f. Caging bolts not installed and dust covers missing.
- g. Hydraulic leaks on rear lift cylinders.
- h. Bridge clamps rusty.
- i. Extensive rust on hydraulic fittings, hydraulic tanks, and hydraulic pumps.
- j. Technical Manuals missing TM-9-2330-379-14&P.
  
- k. Basic items of issue missing.
- l. Dolly tires deteriorated.
- m. Reflectors on rear of dollies damaged.
- n. Air shocks are deflated.
- o. Dolly sets require spot painting.
  
- p. Rust on hydraulic lift cylinders.
- q. Rust on air motor assembly.
- r. Base plate weldment bent.
- s. Electrical harness and cables deteriorated.
- t. Tie rod ends bent.
  
- u. Dolly caster tires improperly inflated.
- v. Dolly set not properly lubricated.

## **2-6. DOLLY SET, M-1022A1, NSN 2330-01-378-9997**

a. Dolly Set, M-1022A1, is a dual set of wheeled frames equipped with an air and hydraulic system, powered by a small gasoline-powered engine. The dollies can be attached to the ends of a MILVAN or expandable shelter, and used to raise and hold the container, thus providing wheels upon which the container can be towed on roadways or cross-country by a prime mover.

Item Name	Dolly Set, Lift, Transportable
Nomenclature	Dolly Set M1022A1
NSN	2330-01-378-9997
LIN	D34883
Unit Price	\$28,772.00 (FEDLOG NOV 99)
CAGE	21439
Manufacturer	Engineered Systems Co Division of DATRON, Inc. 2550 Market Street Aston PA 19014-3426
Phone	Voice: 610-494-8000; FAX: 610-494-8760

b. Fielding of the new M-1022-A dolly sets began during the later half of 1997. The fielding to all DEPMEDS hospital units was completed with 169 sets issued.

c. The Dolly Set, M-1022A1, is plagued with two major problems. The two major problems are shown in Figures 2-1 and 2-2:



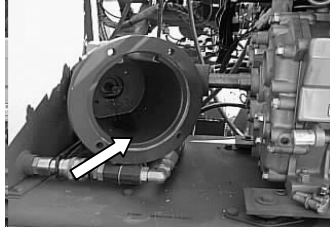


Fig. 2-1. Leaking hydraulic pumps



Fig. 2-2. Cracks in weld joints where beam members of the main frame structure are joined

d. The dolly set was procured by the Tank and Automotive Command (TACOM) as a non-developmental item.

e. The TACOM *Integrated Logistics Support Plan* for the fielding of the dolly set states in Section 1, paragraph 1.4, that limited additional training will be necessary for the operation and maintenance of the system and will be provided via a Vertical Helix Scan (VHS) format video tape. Also Appendix 9.1 of the Material Fielding Agreement between TACOM and the gaining major commands provides that this item comes with a training video for new equipment training. This video was to provide operators and maintenance personnel with basic information on the use and maintenance of the Model M1022A1 dolly set. Some of the problems encountered, such as, operators forgetting to unlock or remove the steering pin from the stowed position prior to towing has caused the locking pin to be sheared, or bending of the locking plate and brace assembly are most likely the result of poor training. Some units requested a two-month delay for turning in their old dolly sets so that they would have more time to familiarize and train on the new dolly.

f. Leaking Hydraulic Pumps.

(1) The initial reports of leaking hydraulic pumps occurred during the initial use of the dollies by the 21<sup>st</sup> Combat Support Hospital (CSH) during a field training exercise in December 1997. Four pumps began to leak during off-loading of containers as the initial pressure was first applied. As of December 1997, 16 pumps have failed. The cause of the failures was traced to the presence of CARC paint in the hydraulic system or improper assembly by the manufacturer. The SF 368 *Product Quality Deficiency Report* (QDRs) were submitted.

(2) During initial inspection of the dollies in the 10<sup>th</sup> CSH leaking pumps were detected on five dolly sets. Replacements were received in September 1998. An extended warranty is outlined in TM9-2330-390-14P, pg. 4-269. It states that the manufacturer will exchange new hydraulic pumps for deficient pumps free of cost.

(3) Delivery of replacement pumps has been back-ordered. Some since as far back as May 1998.

(4) The problem continues. As of 1 November 1999, there are 40 dolly sets deadlined because of leaking hydraulic pumps.

g. Cracked Weld Joints.

(1) The cracks in the weld joints on the dolly sets were first noticed in December 1998. See Figure 2-3 below. The cracks are appearing at the weld joint that attaches the vertical telescoping beams to the upper and lower horizontal main frame beams.

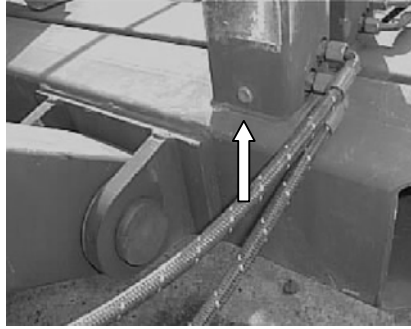
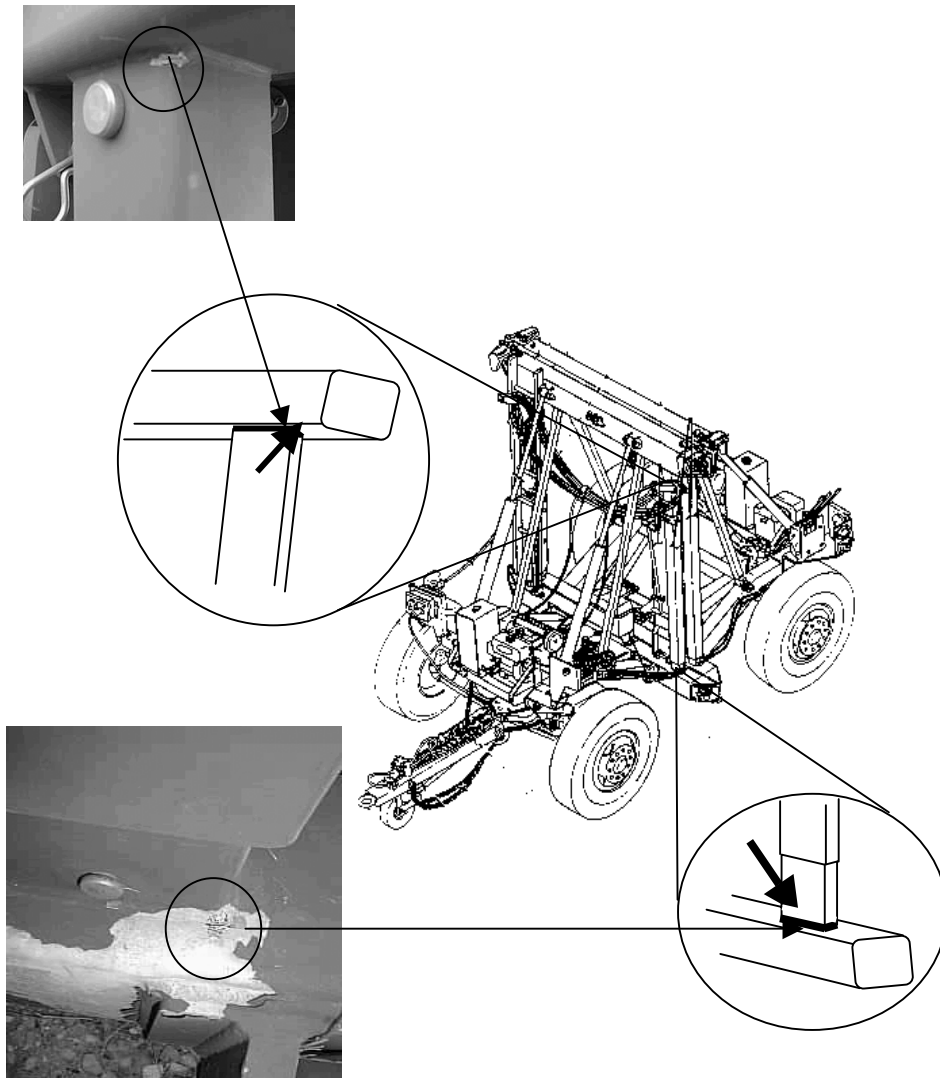


Fig. 2-3 Cracks in the weld joints

(2) Word of the cracks appearing in the weld joints was passed to all units having the M-1022A1 dolly sets. Inspection of the dollies by each unit revealed that the problem was wide spread. Some units were hit very hard with this problem. For example, the 28<sup>th</sup> CSH reported cracks in all 13 of their dolly sets. Every unit reported having the cracks except for one, the 31<sup>st</sup> CSH. Until December 1998, not a single dolly set belonging to that unit had developed the cracks.

(3) Pager 2-10, shows a picture of two cracks to further illustrate the problem;

(4) SF 368s were submitted.



(5) TACOM issued instructions in January 1999 stating that the dolly sets may be used if a visual check of the crack does not reveal cracks in any joint that exceeds the following criteria.

- 1-inch long emanating from any corner.
- 2-inches long between the corners.
- Total cracking greater than 8 inches.

(6) The TACOM message stated further that if visually observed cracks exceed the above criteria the dolly set should be removed from service and inspection continued as follows:

(a) It is suggested the hydraulic hoses be removed and plugged, and the mating cylinder ports be plugged. Remove all paint and galvanize for approximately 1 inch to either side of the weld.

(b) Perform a dye-penetrant or Magnaflux inspection of the cracked area(s). The dolly set may be returned to service provided this inspection does not reveal cracks in any one joint that exceed the following:

$\frac{3}{4}$  inches long emanating from any corner,  
 $1\frac{1}{2}$  inches long between the corners, or  
 total cracking greater than 4 inches.

(c) If the inspection reveals cracks greater than this, the unit must be weld repaired before returning to service. This weld repair procedure will be available after 5 Feb 99.

(d) After inspection, and if weld repair is not required, prime and paint the inspected area, but do not use any type of galvanize repair.

(e) The joints of all dollies are inspected pre and post operation. Any cracks must be monitored to ensure they don't exceed the rejection criteria.

(f) Cold laps or overlap of the weld are not reasons for rejection.

h. In February 99 the USAMMA retransmitted the TACOM message as an urgent safety message requiring a 100% inspection of dolly sets.

i. Also during February 99, TACOM announced that it is pursuing a repair for the cracked weld joints using a bolt-on application bracket. This fix will be provided in a kit once they are manufactured. Shown in Figure 2-5 is a picture of the proposed top beam repair kit. Figure 2-6 shows the kit mounted on a top beam.

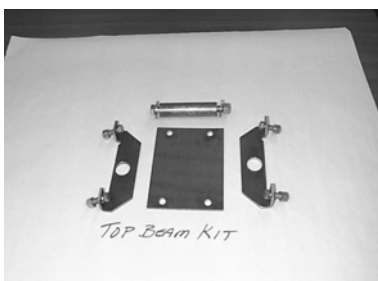


Fig. 2-5. Top Beam Repair Kit

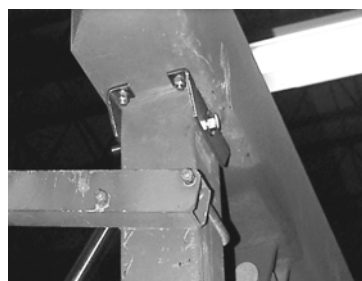


Fig. 2-6. Mounted Kit

j. By April 99, the 10<sup>th</sup> CSH reported that they have not yet received the 8 repair kits on requisition. It is also noted that the DOL at Ft. Hood has 104 repair kits on requisition.

k. Units began receiving the repair kits in May 99. Availability of the dolly sets is improving slightly.

l. But in June 99 the 21<sup>st</sup> CSH reported that it received the first increment (5 each) of repair kits. The 263D Maintenance Battalion under the supervision of three TACOM LARS installed the kits. However, there was a problem. The kits appeared to be designed to fit only the left brace. In order for the kit to be installed on the right brace a flange near the mounting location had to be cut away. See Figure 2-7, page 2-12.

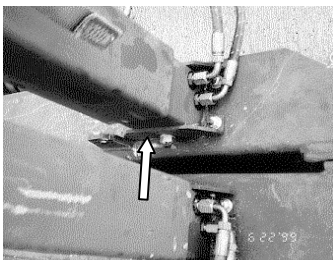


Fig. 2-7. Location of flange cut away

m. The 31<sup>st</sup> CSH returned from the Roving Sand Exercise on 25 June 99, where they used their dolly sets extensively. An inspection after their return to homebase revealed no cracks in the weld joints. This is the only unit that has not experienced the cracking problem. The reason is not known.

n. As of August 99, the repair kits continue to be issued to units, but in small numbers. This can be very frustrating. The 41<sup>st</sup> CSH has all 13 of its dolly sets deadlined because of the cracked weld joints. To date they have received only one repair kit.

o. The 21<sup>st</sup> CSH has 5 dolly sets with the repair kit installed. In August they began a test of the repair by operating each set for a distance over 200 miles and closely observing the cracks as the miles are accrued. They noted that with use, the crack enlarged. The local LAR was informed. The LAR indicated they are aware of the crack situation and that it will continue to enlarge with use. The LAR further indicated that they are not concerned about the crack becoming larger, but that their main concern was making sure that the bolts on the repair kits are holding. If the bolts pull through, then they will take some action. Meanwhile, the LAR will continue to watch the situation.

p. Also in August, one of the dollies sent to the 186<sup>th</sup> Maintenance by the 10<sup>th</sup> CSH was found to have a cracked weld completely around the joint. This is the first report of such an event. The TACOM LAR at Fort Carson, CO, was informed. The unit was then informed that instructions were anticipated.

q. Beginning in July 99, a sample of the availability of the dolly sets was taken in order to keep abreast of any progress being made. The following table shows the results and indicates that very little progress is being made.

TABLE 2-1. PROGRESS ON DOLLY SETS

Month	Dolly Sets On-Hand	Quantity Unserviceable	Reason Dolly Sets Not Mission Capable
June 99	90	45	39 w/cracked weld joints 6 w/ leaking hydraulic cylinders
July 99	89	47	32 w/cracked weld joints 9 w/ leaking hydraulic cylinders
August 99	89	47	31 w/cracked weld joints 9 w/ leaking hydraulic cylinders
September 99	102	51	38 w/cracked weld joints 9 w/ leaking hydraulic cylinders
October 99	102	50	41 w/cracked weld joints 7 w/ leaking hydraulic cylinders

The percentage of dolly sets that are not mission-capable is 49.79. Of the 49.79 percent, 46.82 percent is due to the cracked weld joints or leaking hydraulic pumps.

r. The cracked weld joints and leaking hydraulic pumps are the major problems encountered with the new dolly sets, but are not the only problems. The following Figure 2-8 shows a list of additional problems encountered with the new dolly sets with photos.

Fig. 2-8a through 2-8i. Problems with new dolly sets

Fig. 2-8a through 2-8i. Problems with new dolly sets



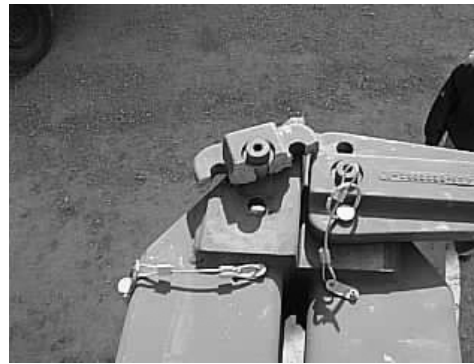
2-8a. Broken Tool Box



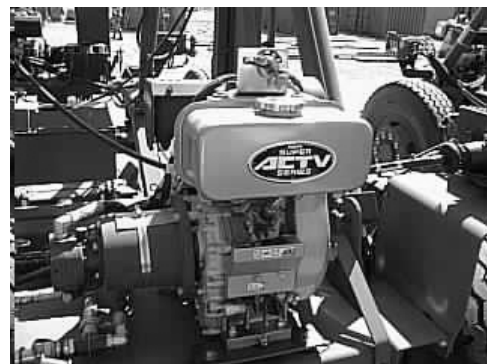
2-8b. Bent Rear Pivot Trays



2-8c. Bent Telescopic Braces



2-8d. Broken Top Hooks



2-8e. No Cover for the Engine



2-8f. CARC Paint Peeling Off

Fig. 2-8a through 2-8i. Problems with new dolly sets



2-8g. Stripped Oil Dipstick



2-8h. Hydraulic Lines Chaffing on Tire



2-8i. Bent Tongue

s. There are two additional problems that need to be mentioned.

(1) The first is an incident in which it was discovered that on a dolly set belonging to the 32<sup>d</sup> MEDLOG Battalion the hydraulic positioning cylinder is being forced downward into the lower horizontal main support beam. Just below the positioning cylinder, note that paint is being chipped away due to the tremendous pressure being applied at that point. By touching the area with your hand you can feel a deformation in the metal being caused by the pressure exerted on the opposite side by the cylinder.

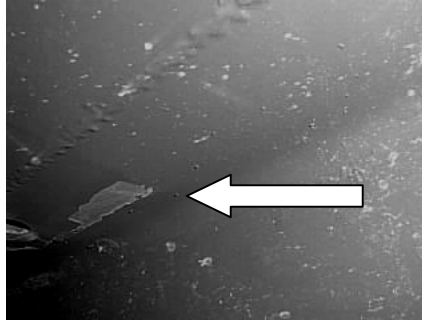


Fig. 2-9. Site of the Deformation

(2) The second problem was noted by the 115th Field Hospital during their training cycle at the JRTC. While inspecting one of their dolly sets, it was noted that there was a crack at a weld joint where the muffler is welded to the exhaust pipe.

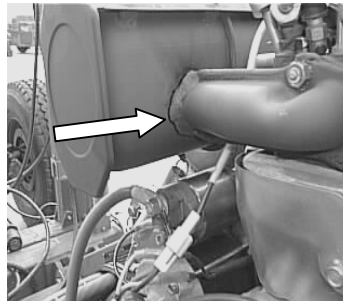


Fig. 2-10. Note the Crack at the Weld Joint

t. Conclusions

(1) The major problems, cracks in weld joints on major load-bearing structural members of the dolly logically indicate that the dolly is not fully capable of withstanding the pressures and loadings encountered during its normal mission.

(2) It appears that the kit designed to repair the areas of the cracked weld joints does not overcome the stress being applied to the main structural beams because the cracks continue to enlarge even after the fix is applied. The two major causes of leaking hydraulic pumps as determined in the field appear to have been caused by manufacturing defects.

(a) The first cause of the failure of the pumps was traced to the presence of Chemical Agent Resistant Coating (CARC) Paint in the hydraulic system.

(b) The second cause was traced to the improper assembly of the pumps by the manufacturer.

(3) The dolly set was procured as a non-developmental item and was evidently purchased without a complete testing plan to insure that the item would perform as needed for its

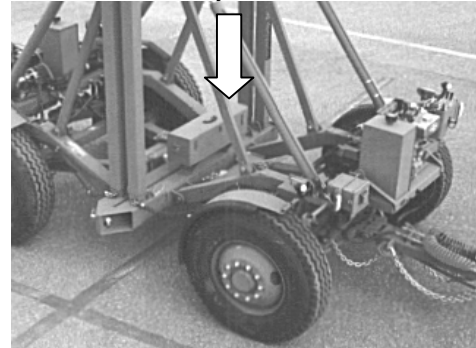
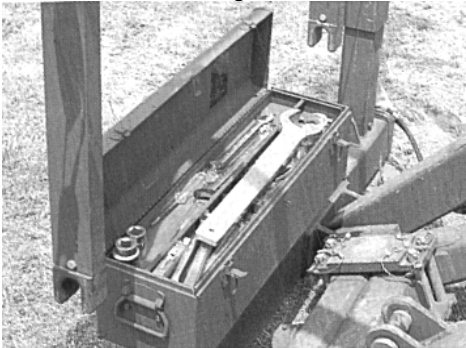


mission. The dolly set is rated at 7.5 tons capacity but because the major problem encountered point to being overstressed, it appears to be overrated.

(4) It is now very obvious that this new dolly set should not have been fielded without training by a new equipment training team. Many of the operator-induced failures would most likely have been avoided.

(5) Other failures, such as the broken toolboxes and chaffing hydraulic lines appear to be the result of faulty design. These problems are being overcome as units relocate the mounting and routing of the hydraulic lines and the local purchase and reorientation of a different toolbox.

Fig. 2-11. Steel Toolbox Upgrade Kit - M1022-A1 Dolly Set



The steel toolbox upgrade kit replaces the plastic toolbox supplied as OEM equipment on US Army M1022-A1 Dolly Set Mobilizers. Field experience with the M1022-A1 system has resulted in reports of damage to the plastic toolbox during normal operations.

The steel toolbox upgrade is supplied as a kit which includes all mounting hardware to easily install the toolbox onto the existing M1022-A1 toolbox mounting brackets.

Steel toolboxes have been supplied on more than 100 export and commercial dolly set systems since 1985 without field complaints.

The dimensions of the new toolbox (32-in. long x 8.5-in. wide x 9.5-in. tall) present a lower profile than the plastic box while maintaining sufficient capacity for all M1022-A1 required items. The lower profile box does not interfere with any dolly set operation.

The Steel Toolbox Upgrade Kit can be ordered with one Part Number (P/N) from CDK Mobile Systems (CAGE 1NHH8) as follows:

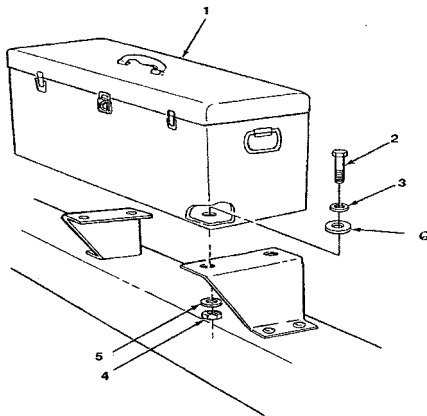
Item	P/N	Description	Qty
A	CPL-100	Steel Toolbox Upgrade Kit	1

Each kit includes:

1	CD00114-1	Toolbox, Steel	1
2	MS90725-8	Screw, Cap	4
3	600-015-1-4	Packing	4
4	MS51922-1	Nut, Self Locking	4
5	MS15795-810	Washer	4
6	AN970-4	Washer	4

Note: The photo above shows the toolbox complete with an inch-size tool kit supplied to foreign customers. This kit is available for purchase if desired, but is not part of the steel toolbox upgrade kit.

Once received, the steel toolbox kit can be easily installed onto the dolly set using the illustration provided. The price for a Steel Toolbox Kit to Part Number (P/N) CPL-100 is: \$268.00 each X13 Sets=\$3,484.00 for each Medical Unit to replace the toolboxes



**2-7. GENERATOR, 100 Kilowatts (kw)**

- a. Initial check of the generators indicated that there was deterioration of the rubber goods, such as tires, refueling adapters and accessory drive belts that are made from rubber products.
- b. The generators that were placed in storage in units had no protective preservation to the engines, and if allowed to set for extended periods of time and not used or started, the cylinder walls became dry and over time will rust and the pistons will seize to the cylinder walls.
- c. The shutter control assembly that is attached to the lower radiator on the generators required cleaning, lubrication because of corrosion.
- d. Front louver doors improperly stowed in engine compartment, doors will tend to move when generator is towed and will cause damage to other components.
- e. Equipment technical manuals stowed in front compartment of generator, the manuals need to be removed and stored in a clean dry area in binders marked for each generator.
- f. The results of the inspections of generators are:
  - (1) No basic items of issue
  - (2) Caster tires dry rotted.
  - (3) Main trailer tires flat.
  - (4) Antifreeze leaking from upper radiator hose.
  - (5) Antifreeze leaking from lower radiator hose.
  - (6) Batteries removed from generator.
  - (7) Slave receptacle rusted and paint needs to be removed from contacts.
  - (8) Fan blade hitting fan guard.
  - (9) TMs - TM 9-2330-247-14&P missing.
  - (10) Under frequency light red lens cover broken on control panel.
  - (11) Fuel filler neck adapter connection hose deteriorated.
  - (12) Engine oil level low.
  - (13) Rust on front deck plate of trailers.
  - (14) Battery compartments doors bent.
  - (15) Clip that holds engine compartment door rods in place broken.
  - (16) Lead nut lock down wrenches missing.
  - (17) Lanyard for lead lock down wrenches missing or is too short.
  - (18) Fuel tank sending unit gasket dry rotted.
  - (19) Rust on battery boxes.
  - (20) Engine exhaust system not properly mounted, chaffing frame mount bracket.
  - (21) Generator shroud cover bolts are loose.
  - (22) Ejector pumps leaking fuel.
  - (23) Caster wheel swivel caster fork bent.
  - (24) Fuel in bottom of generator housing, evidence of fuel filters leaking.
  - (25) CARC paint on ejector pump shaft, this will cause seal failure.
  - (26) Fuel extension hose missing.

## 2-8. AIR CONDITIONER, AE32C39

a. The ECUs are issued to the hospitals with one outlet duct and one inlet duct, two drain fittings, two drain hoses, one TM9-4120-398-14, *Operator, Unit, Direct Support, General Support Maintenance Manual*.

b. Maintenance personnel stated that it was difficult to obtain repair parts for AC/heaters such as the condenser access doors and that they could not find the NSN or P/N (P/N) for the doors. The condenser access door is NSN 4120-01-306-9523, P/N (P/N) 12016-100, and costs \$153.78 each.

c. The unit operator's preventive maintenance checks and services are not being preformed.



d. The results of the inspections of the Air Conditioner are:

(1) The inlet and outlet air duct hoses require cleaning prior to installing them onto the tactical ISO shelters or the hospital TEMPER tents.

(2) Evaporator compartment insulation dry rotted.

(3) 2 each of the 15 feet drain hoses missing.

(4) 2 each duct covers missing.

(5) TM 9-4120-398-14 missing

(6) Thumbscrews missing

(7) Inlet and outlet ducts bent and ends torn

(8) Control panel doors bent

(9) Small and large duct racks missing.

(10) Evaporator fan drive shaft bushing slipping on shaft.

(11) Condenser door insulation unserviceable.

(12) Thumbscrews missing or bent.

(13) Evaporator Compartment door bent and will not seal properly.

(14) Condenser Compartment door bent and will not seal properly.

(15) Inlet and outlet duct ends torn.

(16) Drain hose fittings missing.

(17) Stacking bolts missing.

(18) Insulation on heat door loose.

(19) Thermostat bulb not properly attached.

(20) Air filter torn.

(21) Drive V-belt is out of adjustment and deteriorated.

(22) Heat rods loose and brackets bent.

(23) Thermostatic switch damaged and requires replacement.

## 2-9. PANEL POWER DISTRIBUTION, M-400, PEU-155/E

a. Unit personnel must read the caution notes in Section II of *TM 9-6150-228-13&P, Operator Preventive Maintenance Checks and Services (PMCS)* before operating this equipment.

### CAUTION

"When input power is energized, all 3-phase indicator lights should illuminate. If all three lights are not illuminated, immediately turn off the input power and notify the next higher level of maintenance. Damage to the equipment being energized may occur if the problem is not corrected. Maintenance personnel should consult the troubleshooting chart, Table 3-1 (TM 9-6150-228-13&P), to determine the problem."



b. The above statement indicates that this equipment should not be operated if the Incandescent Lamps are burned out or missing from the A-B-C phase indicators.

c. Unit personnel stated that they were having trouble locating the national stock number for the Lamp, Incandescent. The correct NSN 6240-00-939-7859, P/N 120MB Lamp, Incandescent is found on page F-14, Fig F-4, item 7, and crossed referenced on page F-47 in TM 9-6150-228-13&P, dated 28 February 1996.

d. The M-400 Power Distribution Panels were inspected with the following results

- TM-9-6150-228-13&P Missing.
- Ground rods Missing.
- A B and C phase 120MB Incandescent Lamps, missing.
- Interlock solenoid broken and unserviceable.
- A, B & C phase lamp sockets missing.
- Cover cable brackets broken both sides.
- M-400 unit dirty requires cleaning.
- M-400 frame bent at corners.
- Cables broken loose from M-400 cover that requires welding.
- Top covers bent.
- Loose hardware lying on breaker panels.
- Top covers missing.
- Inside breaker panel cover not secured and several screws missing.
- Lift handles bent.

## 2-10. PANEL, POWER DISTRIBUTION, M-40

The M-40s were inspected with the following results:

- a. M-40s missing the technical manuals and all components.
- b. Covers missing on J-1 output sockets.
- c. Lockdown latch for cover missing.
- d. Circuit breaker covers missing.
- e. Screws missing on circuit breaker panel.
- f. Screws missing on circuit breaker hold down plate.
- g. Lamps missing in L-2 and L-3 Sockets.



- h. Lockdown latch for cover bent.
- i. Circuit breakers missing.
- j. Connector plug caps missing.
- k. Connector plugs bent.

## **2-11. PANEL, POWER DISTRIBUTION, M-46**

The M-46s were inspected with the following results:

The M-46 in most units had components missing and some of the items were damaged.

- a. Distribution data plate missing.
- b. Utility assembly, qty 1 each missing.
- c. Container, Light bulbs, qty 2 each missing and 1 damaged.
- d. Container Transit and storage, qty 1 each damaged.
- e. Strap, securing, qty 2 each missing.
- f. Light, incandescent, 20 ft cord, qty 1 each end frayed.
- g. Light, green, 40 watt, qty 2 each missing.
- h. Light, blue, 40 watt, qty 1 each missing.
- i. Light, white, 75watt, qty 1 each missing.
- j. Rope assembly, branch, 53 ft, qty 1 missing.
- k. Branch circuit assembly, 12 outlet, and 1 each is corroded.
- l. Cable assembly, 15 ft, qty 3 each damaged.

## **2-12. PANEL, POWER DISTRIBUTION, M-100**

- a. The system was issued complete with the following items:

- TM 5-6150-226-243P Manuals for each M-100 Feeder System.
- NSN 6150-01-256-6300 Cable Assembly, Pigtail 100 AMP 4FT 1 each.
- NSN 6150-01-256-6304 Cable Assembly, service 100 AMP 50FT 2 each.
- NSN 6150-01-256-6299 Strap Cable Carrying (Single Strap) 8 each.

- b. The M-100s were inspected with the following results:

- (1) L-1 socket unserviceable.
- (2) L-2 socket unserviceable.
- (3) Socket covers missing.
- (4) Screws missing in socket connectors.
- (5) Distribution panels very dirty and requires cleaning.
- (6) Hinges broken loose on top cover.
- (7) 100 Amp 50 foot cable missing.
- (8) Technical manual missing.

- c. The Cables inspected in the units had the same type of problems and deficiencies.

- (1) The cables were not protected when used in the field; they indicated signs of being run over by vehicles.
- (2) The cable ends are damaged and require repair.
- (3) The rubber covering has been cut in several places on the cables.
- (4) Cables very dirty and requires cleaning.

- (5) Cables not stored properly; they have been placed on the ground and should be rolled and placed on a pallet.
- (6) Phase cable ground wires missing.

### **2-13. TENT, EXPANDABLE, MODULAR, PERSONNEL (TEMPER)**

a. The majority of the TEMPER tents inspected indicated that little to no preventive maintenance is being performed by unit personnel, and when the TEMPER is set up no adjustments are being made to the TEMPER to readjust the sections for movement by the wind or from heat.

b. The Velcro strips are exposed to the sunrays and will quickly deteriorate the strips and the TEMPER will come apart.

c. The TEMPER tents were inspected with the following results:

- (1) No technical manuals for TEMPER.
- (2) Bent frames caused by wind damage.
- (3) Canvas fabric torn by wind damage.
- (4) Entrance door zippers not lubricated, causing them to tear loose.
- (5) Holes found in deteriorated fabric.
- (6) Fly loops broken.
- (7) Torn and missing grommets.
- (8) Vestibules torn and deteriorated.
- (9) Tent liners torn, and extremely dirty.
- (10) End sections torn were ECU connects to TEMPER.
- (11) Eave extender torn.
- (12) Temper floor coming apart in the seam areas.
- (13) Window section torn.
- (14) Tent repair kits incomplete or missing.
- (15) ISO to ISO passage ways torn and deteriorated.
- (16) ISO to TEMPER passage ways torn and deteriorated.
- (17) Bump through doors are missing parts for attachment.

## 2-14. REFRIGERATED MILVAN

a. The unit operator's preventive maintenance checks and services are not being preformed.

- (1) Major rust on containers and on the engines and generator units.
- (2) Top seals on the roof panels of container cracked, (seal repaired with silicon)
- (3) The engine/refrigeration unit protected by wooden covering that has rotted.
- (4) Minor rust on entrance doors, hinges, and hardware.
- (5) CSC inspection overdue.
- (6) 10Kw generator oil level low.
- (7) Generator fuel line not connected to fuel tank.
- (8) Rust on all corner fittings, door hinges, and hardware.
- (9) Roof panel needs to be resealed with silicone.
- (10) Exhaust pipe broken and hanging loose.
- (11) Refrigeration unit cover has several screws missing.
- (12) Refrigeration unit temperature reading gauge glass broken.
- (13) Container for manuals rusty and locking clip broken.
- (14) Container manual missing.
- (15) Refrigeration unit manual missing.
- (16) Generator manual missing.10KW
- (17) Generator not installed in Refrigerated MILVAN
- (18) Container unit not grounded while operating.
- (19) Fiberglass on the side panels of container has been cracked and requires repair.

b. The unit personnel that were contacted during the LAV visits, were very eager to learn about the equipment, and seemed extremely interested in how they could improve the status of the equipment. Several personnel were



questioned about the PMCS, the maintenance allocation charts, the repair procedures of the equipment, and how they would obtain repair parts, special tools and the TMDE and support equipment. The majority of the personnel had no idea.

c. It seems that the AMEDD center and school should place more emphases on the CARE and Maintenance training of the Hospital ASIOE, for without it there is no hospital. The same results are learned when the medical units rotate through the Joint Readiness Training Center located at Fort Polk, LA.

d. The equipment is very reliable and is not that hard to maintain if unit Commanders would require the owner/operator personnel to learn the equipment and set aside time for proper supervised maintenance schedules.

e. The equipment that is issued by the USAMMA, when issued is in an excellent state of readiness.

## CHAPTER 3. TACTICAL SHELTER DOOR LOCKING DEVICE

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### 3-1. INTRODUCTION

The tactical shelter locking device is used on the personnel door and cargo doors for security of the doors while the shelter is being lifted by the cargo handler.

### 3-2. SECURITY AND SAFETY OF THE TACTICAL SHELTER

a. When the ISO tactical shelters are picked up by the RTCH (or other handling methods), the shelter may twist and the end doors may spring open, causing possible damage to the shelter, the door, or the contents of the ISO. The device shown in Fig. 3-1 prevents the doors from opening if this device is installed on the shelter prior to lifting.

b. The proper method for installing this device, is to loosen two- $\frac{1}{2}$ -inch bolts (one on the door and one on the door frame support plate assembly) on the outside of the shelter. Fit the locking device over the head of the two bolts and slide the locking device into the shank of the bolts; tighten the bolts in place. Repeat this action for the other door. The doors are now secure and the shelter can be safely lifted. (Fig. 3-2)

c. When the shelter arrives at the destination and has been placed on the ground, loosen the bolts, slide the locking device off of one bolt by turning the device so it will not interfere or be in the way, and tighten the remaining bolt. The device is now placed in a stowed position and ready for use the next time the shelter is moved (Fig. 3-3). Repeat this procedure for the other door.



Fig. 3-1. Locking Device

Fig. 3-2. Locked Position

Fig. 3-3. Stowed Position



d. If your unit is missing the locking device, they can be locally manufactured by using the sample and dimensions in Fig. 3-4. The thickness of the locking device is  $\frac{1}{8}$ -inch and manufactured from steel stock.

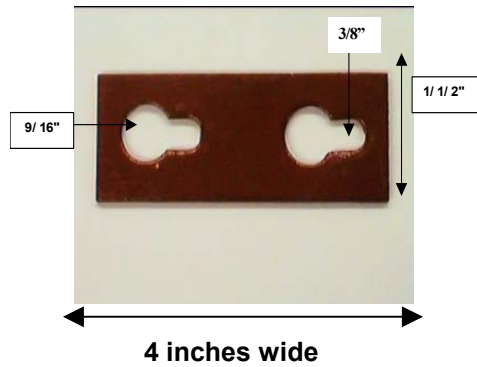


Fig. 3-4. Locking Device Dimensions

## CHAPTER 4. M-400 POWER DISTRIBUTION CENTER PEU-155/E

### 4.1 WIRING CHAFFING STRIP MISSING INSIDE THE M-400 CASE

a. There is a potential problem that could exist with the M400 Power Distribution Center (PDC). Inspections have revealed that there is a possibility when the PDC was assembled that a chaffing strip to protect the wiring was never installed or installed in the wrong area on the inside of the unit.

**Make sure that no power is applied to the M-400 and complete the inspection before the unit is connected to a generator or to another power source and there is no power applied.**

**If the wiring is bare and touching the frame this could be very dangerous when the power is applied to the M-400 - injury to personnel could occur.**

#### **DO NOT TAKE ANY CHANCES ON THIS**

b. The PDC NSN is 6110-01-248-6671. Unit personnel should review *TM 9-6150-228-13&P*, Fig. F-8, item 13. This will indicate the electrical welding cable that was found to chaff the frame assembly.

c. The problem is that the cable is rubbing against a metal lip inside the metal frame of the M-400 container. Inspection should reveal that some of the cables are starting to rub through the insulated rubber on the cables. (See Fig. 4-1 and 4-2.) There should be a piece of edge trim (anti-chaffing) material positioned on the metal lip to keep the cables from rubbing the metal, or, it is possible that the edge trim (anti-chaffing) material was not installed in the correct area. (See Fig. 4-3)

d. If these conditions exist and the metal has rubbed through the insulation on the cable this could present a major safety problem.

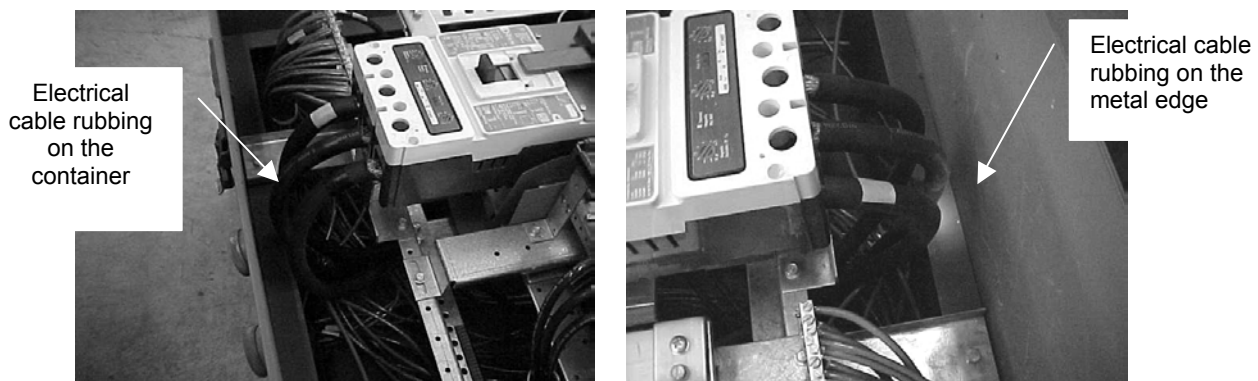


Fig. 4-1. Illustrations of the problem found on the M-400 PDC

e. If the cables have chafed the frame, make a repair to the cables or replace them and install the chaffing strip.

f. Complete SF 368 and submit IAW DA Pam 738-750 and local Standard Operating Procedures (SOP).

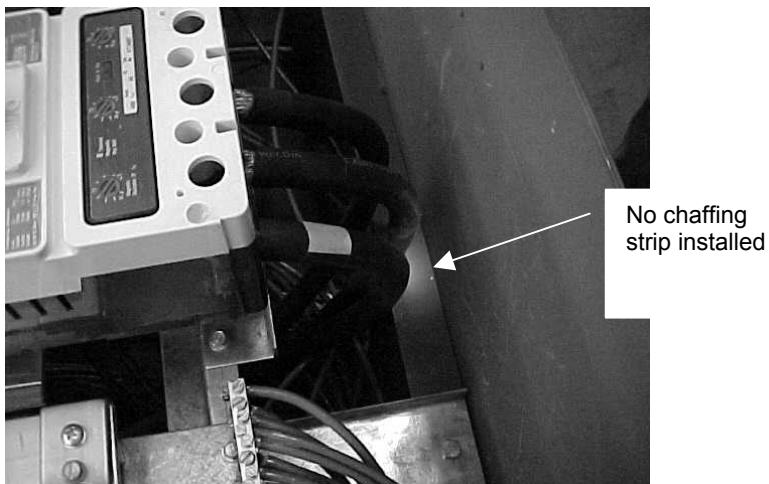


Fig. 4-2. Photo showing that no chaffing strip is installed

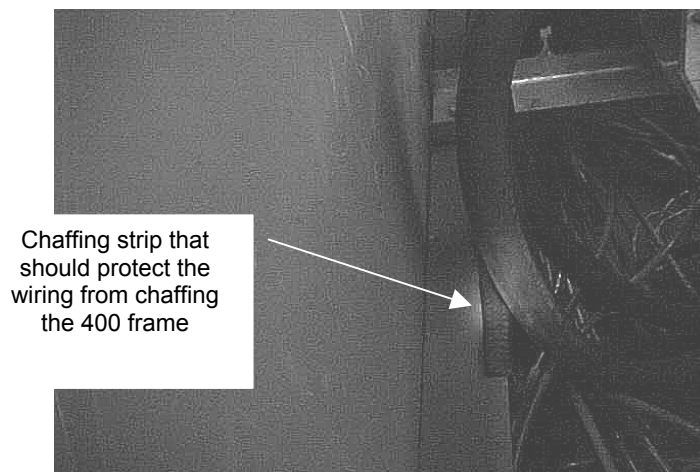


Fig. 4-3. Photo showing the chaffing strip that should protect the wiring from chaffing the 400 frame

## **CHAPTER 5. CONVENTION FOR SAFE CONTAINERS (CSC)**

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### **5-1. TACTICAL SHELTERS AND MILVAN REQUIRED SAFETY INSPECTION**

This Chapter provides an overview of the CSC inspection requirements, why the program was developed, and how the program affects U.S. Army Medical organizations that own and use MILVANs and expandable shelters in their operations.

### **5-2. SAFETY INSPECTION REQUIREMENTS**

a. The International CSC was established to ensure safe movement of ISO containers and shelters through international maritime channels. United States Public Law (US PL) 95-208, implemented the CSC requirements for both commercial and the DOD-owned containers.

b. In April 1997, the Deputy Under Secretary of Defense for Logistics took these requirements a step farther by signing DOD 4500.9-R-1 *Management and Control of DOD Intermodal Containers*. This regulation is mandatory for all U.S. Government agencies. Current inspection documentation is required to move a container within the Defense Transportation System (DTS), even if moving the container to an exercise site, i.e., Joint Readiness Training Center (JRTC), National Training Center (NTC), Reserve Training site Medical (RTS-MED).

c. The Readiness State of your unit is partially based on the ability for rapid deployment. This is compromised when Medical units that do not have the following list of containers certified for shipment through the DTS. An expired certification means a non-deployable container with Line Item Number (LIN):

LIN C13825 - Container cargo reusable,  
 LIN C84541 - Container Assembly Refrigerated,  
 LIN S01291 - Shelter, 2:1;and  
 LIN S01359 - Shelter, 3:1

### **5-3. COMPLIANCE REQUIREMENTS FOR THE INTERNATIONAL SAFETY STANDARDS TO CERTIFY CONTAINERS**

a. In order to comply with this requirement containers must be inspected, in accordance with the international safety standards, five years from the date of manufacture, every thirty months thereafter, and when repaired after major damage.

b. DOD 4500.9-R-1 VOL.I and VOL.II dated 11 April 1997 and MIL-HDBK-138A dated 21 June 1993, are the governing documents. After a successful inspection, the container is certified and so indicated directly on the container itself in a manner that can be readily noted by an inspector. Failure to comply with the above requirements can result in Penalties of \$5000, each day for each container that remains in service (PL 95-208, Dec 13, 1977).

c. Units may have personnel trained as inspectors or request inspection assistance from your local Directorate of Logistics (DOL) or RTS-MED. The Defense Ammunition Center provides training courses for Intermodal Dry Cargo Container/CSC Re-inspection.

d. Point of contact is:

U.S. Army Defense Ammunition Center  
 ATTN: SMAAC-AST  
 1 C Tree Road

McAlester OK 74501  
DSN 956-8595/8961 / commercial 918-420-8595/8961  
Email: [leec@dac-emh2.army.mil](mailto:leec@dac-emh2.army.mil)  
Web page: <http://www.dac.army.mil>

#### **5-4. COURSE SCHEDULE FOR FY 2001 INTERMODAL DRY CARGO CONTAINER (CSC) REINSPECTION**

##### **a. Course Admission**

Admission to either a resident course or an on-site course (shown in Tables 5-1 and 5-2), is by nomination from the prospective student's command. If the nominating command has access to the Army Training Requirements & Resources System (ATRRS), the submission must be made via ATRRS. Otherwise, DD Form 1556 must be submitted to the address below.

U.S. Army Defense Ammunition Center  
ATTN: SMAAC-ASE  
1 C Tree Road  
McAlester OK 74501  
Email: [wand@dac-emh2.army.mil](mailto:wand@dac-emh2.army.mil)  
Phone: DSN 956-8967, commercial 918-420-8967  
Fax: DSN 956-8944, commercial 918-420-8944

Tables 5-1 through 5-4 list scheduled classes in various locations for CSC Training.

**Table 5-1. FY2001 Resident Scheduled Classes at the  
Defense Ammunition Center, McAlester OK**

Course No.	Class No.	Start Date	End Date	Location
AMMO-43	#002	06-Mar-01	08-Mar-01	McAlester, OK
AMMO-43	#003	12-Jun-01	14-Jun-01	McAlester, OK
AMMO-43	#004	07-Aug-01	09-Aug-01	McAlester, OK

**Table 5-2. FY2001 On-Site Courses at  
Gulfport MS, Camp Pendleton CA, Camp Lejeune NC and Okinawa Japan**

Course No.	Class No.	Start Date	End Date	Location
AMMO-43	#004	21-Mar-01	23-Mar-01	Okinawa
AMMO-43	#005	18-Apr-01	20-Apr-01	Camp Lejeune, NC
AMMO-43	#007	24-Jul-01	26-Jul-01	Gulfport, MS

b. Shown in Table 5-3 are on-site classes offered by Memorandum of Agreement (MOA) with Fort Hood. All seats are allocated to and managed by III Corps and Fort Hood's POC. Prior to entering into ATRRS, we recommend you contact the Fort Hood POC for information on availability of seats. Entering names directly into ATRRS at other locations will result in personnel being placed in a WAIT status without any assurance of turnover to RESERVE status.

**Table 5-3. FY2001 On-Site Courses at Fort Hood, TX**

Course No.	Class No.	Start Date	End Date	Location
AMMO-43	#002	29-May-01	31-May-01	Ft. Hood, TX

c. Classes are currently conducted in Buildings 504 and 505 at Fort Hood, located on the east end of the post at the corner of Old Battalion Avenue and 21st Street. Class enrollments are the first day of class at 0700 hours.

Fort Hood's POC:  
Education Services Division, Building 211  
Ft. Hood, TX 76544-5056  
Phone DSN 737-1882, commercial 254-287-1882  
Fax DSN 738-3005, commercial 254-288-3005

d. Course Admission: Directions on how to enroll in a USAREUR AOCI course (shown in Table 5-4) are listed in USAREUR Pam 351-2-1. Contact the Administration Office at the Combined Arms Training Center using the Internet at the following web address:  
<http://www.catc.7atc.army.mil/>

**Table 5-4. FY2001 Scheduled classes at  
Combined Arms Training Center, Vilseck, Germany**

Course No.	Class No.	Start Date	End Date	Location
AMMO-43	#009	26-Mar-01	28-Mar-01	Vilseck, Germany
AMMO-43	#010	30-May-01	01-Jun-01	Vilseck, Germany
AMMO-43	#011	27-Aug-01	29-Aug-01	Vilseck, Germany

e. For Questions/Comments regarding the courses contact one of the instructors listed below:

CMR 411  
P.O. Box 1579  
APO, AE 09112-1501  
Phone DSN 314-476-2613, commercial 49-9662-83-2613  
Fax DSN 314-476-2669, commercial 49-9662-83-2669

## 5-5. TRANSMITTAL REQUEST FOR NEW DEPARTMENT OF DEFENSE FORM DD 2282

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### (EXAMPLE)

#### TELEFAX / E-MAIL TRANSMITTAL FORM

Date: 1 February 2001

Classification: None

Total Number of Pages to Include Cover Sheet: 1

TO Container Management Team Leader

LOCATION Alexandria, VA

ATTN DD Forms 2282

PHONE (703) 428-2467/DSN: 328-2467

FAX (703) 428-3373/DSN: 328-3373

FROM: MCMR-MMR	LOCATION - Fort Detrick MD
ATTN: Force Sustainment Division	PHONES - DSN 343-4465
	COMM 301-619-4465
	FAX COMM 301-619-4073

I have completed the AMMO-L-10 Intermodal Dry Cargo Container CSC Re-inspection Course conducted by the U.S. Army Defense Ammunition Center. I am employed by the United States Army Medical Materiel Agency (USAMMA) located at the Force Sustainment Division Fort Detrick, Maryland and I am requesting the new certification decals DD Form 2282.

I have a total requirement for 100 Medical Expandable Tactical ISO Shelters and associated ISO MILVANS that require the 30 month re-inspection for the USAMMA that are located at the several locations both CONUS and OCONUS. I would appreciate your assistance in providing me with 200 of the current DD Form 2282. 200 of the DD Form 2282 would provide me with an additional amount to complete the re-inspection of any ISO shelter and MILVAN, I observed with overdue inspections during any Temporary Duty (TDY) trips.

Thank you in advance for your assistance in this matter.

U.S. Army Medical Materiel Agency  
ATTN: MCMR-MMR  
1423 Sultan Drive, Suite 100  
Fort Detrick MD 21702-5001  
DSN 343-4465 / COMM 301-619-4465 / FAX extension 4073.

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## CHAPTER 6. TACTICAL EXPANDABLE SHELTER TIEDOWN

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### 6-1. TACTICAL SHELTERS DAMAGED BECAUSE OF IMPROPER TIEDOWN

a. Many times during transport, tactical shelters are damaged due to improper tiedown instructions being followed. The upper seal and seal caps are damaged by improper tiedown of the tactical expandable shelters.

b. The DEPMEDS hospital personnel are reporting that their tactical expandable shelters have tears in the upper roof seals and caps that are used to secure the shelters for long-term storage and protect the contents from damage caused by high humidity (see Fig. 6-1). They are also reporting that these same shelters are leaking and they ask, "What is causing these tears and making the roofs leak?" "Can whatever is causing these problems be stopped?"

c. The USAMMA personnel have noted a situation that can best be described as critical, problematic and a striking set of circumstances. The USAMMA is now convinced that the leaks and tears are the direct result of incorrect tie-down of the shelter during transportation. Transporters are using straps or chains pulled from side-to-side directly across the top of the shelter to restrain the shelter to the flat bed trailer or rail car. The shelter roof panel, side panels and caps are not designed or constructed to handle the force and stress caused by the tie-downs placed across the roof. Correcting this tie-down procedure should solve this problem with torn seals and leaking roofs.

d. The manufacturer of the shelter recognized that the shelter should never be restrained in the manner described above. The design of the shelter provides hard points and a beefed-up support post at each corner. Procedures were developed for restraint of the shelter during transport by either flatbed trailer or rail car and published in TM 10-5411-200-14.



Fig. 6-1. Damage to upper Roof Cap and seal by improper tie down



## 6-2. PROPER TIEDOWN PROCEDURES

a. To restrain and secure a shelter to a flatbed trailer or railcar, two methods were devised (see Fig. 6-2 and Fig. 6-3).

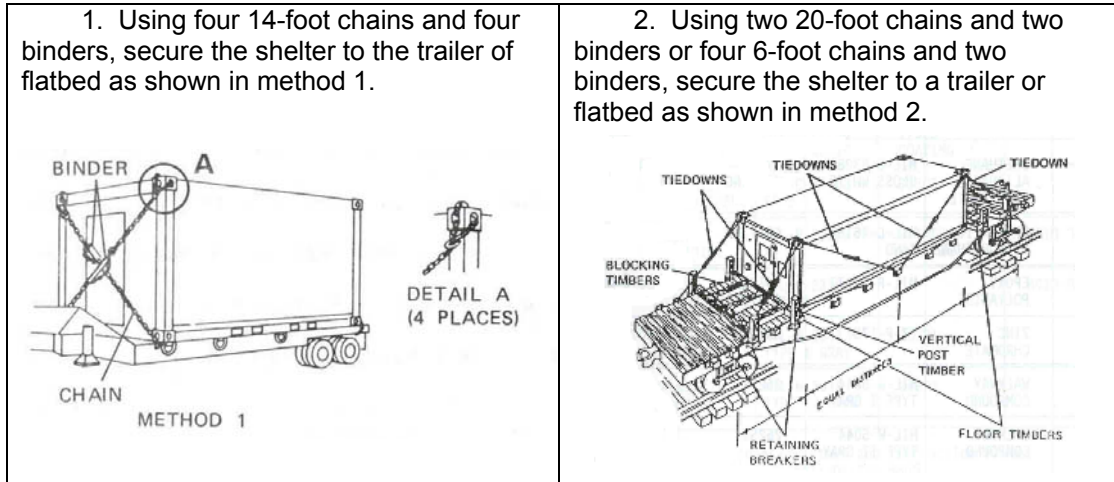


Fig. 6-2

Fig. 6-3

b. Unit personnel and personnel shipping the shelters must become very familiar with the restraint procedures described here and in the technical manual and must oversee the loading and restraining of shelters being shipped to guarantee the correct restraint procedure is followed. If this procedure is followed, the upper caps and seals will not be damaged.

**CHAPTER 7. NON-MEDICAL ASSOCIATED SUPPORT ITEMS OF EQUIPMENT  
(ASIOE)  
REPAIR PARTS THAT ARE FREQUENTLY USED TO REPAIR THE ASIOE**

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**PARTS LISTING FOR NON-MEDICAL EQUIPMENT**

The non-medical ASIOE was inspected by the USAMMA during field visits and found to have common deficiencies. These deficiencies require the following parts to complete repairs. Tables 7-1 through 7-11 include a listing of the parts that were required to repair the ASIOE and return them to a proper state of readiness.

**Table 7-1. Air Conditioner, Model: A/E32C-39**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
A/E32C-39	4120-01-150-8112	BELT,V	3030-00-232-5959	A-A-52160-A35
A/E32C-39	4120-01-150-8112	BOOT DUST	5975-00-682-0306	NC3030
A/E32C-39	4120-01-150-8112	BUSHING,SHAFT	5365-01-242-1649	121402
A/E32C-39	4120-01-150-8112	BUSHING,SHEAVE	5365-01-305-7009	121135
A/E32C-39	4120-01-150-8112	CABLE	6145-00-578-7513	17166
A/E32C-39	4120-01-150-8112	CABLE ASSEMBLY	6150-01-120-1621	72289-25
A/E32C-39	4120-01-150-8112	CABLE ASSEMBLY	12139-100	12139-100
A/E32C-39	4120-01-150-8112	CIRCUIT BREAKER	5925-00-887-9380	45-700P5AMPS
A/E32C-39	4120-01-150-8112	COMPRESSOR	4130-01-145-9466	AG5568E
A/E32C-39	4120-01-150-8112	CONNECTOR,RECEPTACLE	5935-00-114-8708	MS90558C32412P
A/E32C-39	4120-01-150-8112	COVER, GRILLE-LEFT	12132-100	12132-100
A/E32C-39	4120-01-150-8112	COVER,ACCESS	5340-01-292-7561	8720732-1
A/E32C-39	4120-01-150-8112	COVER,DUST	4130-00-415-9392	12057-1
A/E32C-39	4120-01-150-8112	DOOR,LEFT FRONT	12016-100	12016-100
A/E32C-39	4120-01-150-8112	DOOR,LEFT REAR	12015-100	12015-100
A/E32C-39	4120-01-150-8112	FAN,ELECTRICAL	4130-01-306-9532	12061-100
A/E32C-39	4120-01-150-8112	FILTER-DRIER,REFRIG	4130-01-011-0543	EK305S
A/E32C-39	4120-01-150-8112	FILTERING ROLL,AIR C	4130-00-434-0159	12118-1
A/E32C-39	4120-01-150-8112	HEATING ELEMENT,ELEC	4130-01-151-4740	12086-100
A/E32C-39	4120-01-150-8112	HEATING ELEMENT,ELEC	4540-00-518-1329	322-873964-001
A/E32C-39	4120-01-150-8112	HINGE,BUTT	5340-00-302-1415	13211E8191
A/E32C-39	4120-01-150-8112	HOSE,AIR DUCT,7FT	4720-00-255-9034	FLX1501-0003
A/E32C-39	4120-01-150-8112	HOSE,AIR DUCT,9FT	4720-00-255-9032	FLX1501-0004
A/E32C-39	4120-01-150-8112	HOUSING EVAPORATOR	017841-02	017841-02
A/E32C-39	4120-01-150-8112	IMPELLER,FAN,AXIAL	4140-00-545-3422	12046-1

Table 7-1. Air Conditioner, Model: A/E32C-39

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
A/E32C-39	4120-01-150-8112	KEY,MACHINE	5315-00-205-3741	A2741-6
A/E32C-39	4120-01-150-8112	MONOCHLORODIFLUOROME	6830-00-106-1659	BB-F-1421 TY22
A/E32C-39	4120-01-150-8112	MOTOR ALTERNATOR	6105-00-531-0563	12049-1
A/E32C-39	4120-01-150-8112	MOTOR,ALTER. CURRENT	6105-00-535-2630	601995
A/E32C-39	4120-01-150-8112	NUT,SELF-LOCKING,HEX	5310-00-811-3494	MS21044N08
A/E32C-39	4120-01-150-8112	PANEL, SUB ASSEMBLY	12083-101	12083-101
A/E32C-39	4120-01-150-8112	POSITIONER, DOOR	12136-100	12136-100
A/E32C-39	4120-01-150-8112	PULLEY	3020-01-296-1475	121022
A/E32C-39	4120-01-150-8112	PULLEY GROOVE	3020-00-992-1206	1VL44 5-8
A/E32C-39	4120-01-150-8112	PULLEY,VARIABLE PIT	3020-00-375-6039	IVP44 1-2
A/E32C-39	4120-01-150-8112	RELAY THERMAL	5945-01-148-8518	60006A1
A/E32C-39	4120-01-150-8112	RELAY,ARMATURE	5945-00-534-7810	157-10T1A4
A/E32C-39	4120-01-150-8112	RELAY,ELECTROMAGNETI	5945-00-534-7805	30D0-303SV
A/E32C-39	4120-01-150-8112	SCREW,MACHINE	5305-00-984-6211	MS35206-264
A/E32C-39	4120-01-150-8112	STUD ASSEMBLY,TURNLO	5325-00-559-7849	4002-28S
A/E32C-39	4120-01-150-8112	WIRE, ELECTRICAL	6145-01-071-0474	MIL-W-5086/2
A/E32C-39	4120-01-150-8112	SWITCH,ROTARY	5930-00-600-7465	32303AS
A/E32C-39	4120-01-150-8112	SWITCH,THERMOSTATIC	5930-00-551-0458	A36AGA9
A/E32C-39	4120-01-150-8112	SWITCH,THERMOSTATIC	5930-01-149-2436	12051-100
A/E32C-39	4120-01-150-8112	TERMINAL,CONNECTOR	PTF 2216-4	PTF 2216-4
A/E32C-39	4120-01-150-8112	TERMINAL,CONNECTOR	PHS 1614-10	PHS 1614-10
A/E32C-39	4120-01-150-8112	TERMINAL,LUG	5940-00-143-4794	MIL-T-7928
A/E32C-39	4120-01-150-8112	VALVE,EXPANSION	4820-00-103-5562	XVE4CP100
A/E32C-39	4120-01-150-8112	VALVE,PNEUMATIC TANK	4820-00-936-2235	VUS3-46AC
A/E32C-39	4120-01-150-8112	WIRE, ELECTRICAL	6145-00-578-7521	M5086/1-12-9

**Table 7-2. Heater, Model H-82**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
H82	4520-01-254-8548	ADAPTER,FUEL GAGE	13040-100	13040-100
H82	4520-01-254-8548	ALARM, AUDIBLE	6350-01-292-9733	SP486
H82	4520-01-254-8548	CABLE ASSY, POWER	13039-101	13039-101
H82	4520-01-254-8548	CABLE, ELECTRICAL	6145-00-548-1243	13039-1
H82	4520-01-254-8548	CONNECTOR, PLUG, ELEC.	5935-00-812-9240	7-8649
H82	4520-01-254-8548	CONTROLLER,HEATER		8720694-1
H82	4520-01-254-8548	CONTROL TEMPERATURE	6685-01-333-8496	8720694-1
H82	4520-01-254-8548	CONTROL, SAFETY SWITCH	6685-01-281-5474	668-670
H82	4520-01-254-8548	ELECTRODE	5977-01-280-0378	13300-100
H82	4520-01-254-8548	FUEL PUMP,ROTARY	4320-01-299-0460	J6BC-325-3
H82	4520-01-254-8548	GAUGE,FUEL	6620-01-106-6359	6580
H82	4520-01-254-8548	MOTOR ALTERNATOR	6105-01-293-0317	177594-99
H82	4520-01-254-8548	RECTIFIER, SEMICONDUCTOR	5961-01-105-1716	MDA3502
H82	4520-01-254-8548	SWITCH THERMOSTAT	5930-01-294-5759	668Z-670
H82	4520-01-254-8548	SWITCH, ROTARY	5930-01-091-9570	103303A
H82	4520-01-254-8548	FILTER ASSY FUEL	2910-00-603-7243	F-407-9-3
H82	4520-01-254-8548	TUBE ASSY	4710-01-331-4156	8720727-100
H82	4520-01-254-8548	TIMING RELAY		49MD06FB
H82	4520-01-254-8548	VALVE,SOLENOID	4810-01-291-9533	6X409
H82	4520-01-254-8548	GASKET, FUEL FILTER	5330-00-843-1685	8720773-1
H82	4520-01-254-8548	FILTER	4130-00-289-8220	8611952-1
H82	4520-01-254-8548	DUCT,FLEXIBLE	4720-00-255-9032	FLX1501-0003
H82	4520-01-254-8548	DUCT,FLEXIBLE	4720-00-255-9034	FLX1501-0004
H82	4520-01-254-8548	COUPLING, FUEL UNIT	4320-01-292-3660	8720759-1
H82	4520-01-254-8548	IGNITER, SPARK, FUEL	4520-01-019-1860	13286
H82	4520-01-254-8548	SOLENOID VALVE	4810-01-290-4925	3X290
H82	4520-01-254-8548	TUBE, ASSY		8720719-100
H82	4520-01-254-8548	THERMO, HIGH TEMP		2060IL8-276
H82	4520-01-254-8548	TRANSFORMER		312-8CO467

**Table 7-3. Feeder, Electrical System, Models: M-40, M-46, M-100, M-400**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M40	6150-01-208-9753	CABLE, PIGTAIL	6150-01-256-6301	13226E7019
M40	6150-01-208-9753	RECEPTACLE	6210-00-253-0688	13212E3581-2
M40	6150-01-208-9753	LAMP, GLOW LIGHT BULB	6240-00-892-4420	C7A
M40	6150-01-208-9753	CIRCUIT BREAKER 20 AMP	5925-01-247-4765	CHB120GF
M40	6150-01-208-9753	CIRCUIT BREAKER 40 AMP	5925-00-166-8304	CHB340
M40	6150-01-208-9753	CIRCUIT BREAKER 20 AMP	5925-00-166-8288	CHB120
M40	6150-01-208-9753	LIGHT AND WIRE		13212E3581-4
M40	6150-01-208-9753	LAMP		G9B
M40	6150-01-208-9753	CIRCUIT BREAKER 40 AMP		13229E6328
M40	6150-01-208-9753	CIRCUIT BREAKER 20 AMP		13229E6305
M46	6150-01-208-9751	ROPE ASSY, ELECTRIC	6150-01-256-6302	13226E7041
M46	6150-01-208-9751	LAMP, INCANDESCENT BLUE		W-L-101/68
M46	6150-01-208-9751	LAMP, INCANDESCENT WHITE		40A/B-120V
M46	6150-01-208-9751	LIGHT ASSY DUEL BULBS	6230-01-247-4784	13226E7043
M46	6150-01-208-9751	CABLE ASSY	6150-01-247-4766	13226E7032-3
M100	6150-01-208-9754	CABLE ASSEMBLY	6150-01-256-6304	13226E7024
M100	6150-01-208-9754	LAMP GLOW BULB		G9B
M100	6150-01-208-9754	CIRCUIT BREAKER 100AMP	5925-00-166-8290	CHB3100
M100	6150-01-208-9754	CIRCUIT BREAKER 40 AMP	5925-00-166-8304	CHB340
M100	6150-01-208-9754	CIRCUIT BREAKER 60 AMP	5925-01-157-4605	CHB360
M100	6150-01-208-9754	CIRCUIT BREAKER 20 AMP	5925-01-247-4765	CHB120GF
M100	6150-01-208-9754	CIRCUIT BREAKER 20 AMP S/P		13229E6305
M100	6150-01-208-9754	CIRCUIT BREAKER 60 AMP 3/P		13229E6310
M100	6150-01-208-9754	CIRCUIT BREAKER 100 AMP 3/P		13229E6309

**Table 7-4. Power Panel Distribution, Models: M-400**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M-400	6110-01-248-6671	LAMP, INCANDESCENT	6240-00-939-7859	120MB
M-400	6110-01-248-6671	TERMINAL, STUD	5940-00-234-3383	69-692-6
M-400	6110-01-248-6671	GASKET STRIP	8642319	8642319
M-400	6110-01-248-6671	GROUND LUG	8642385	8642385
M-400	6110-01-248-6671	TERMINAL BOARD	5940-01-290-2812	8642537-1
M-400	6110-01-248-6671	COVER, CIRCUIT BREAKER	5925-01-292-8228	8642547
M-400	6110-01-248-6671	SOLENOID, INTERLOCK	8642553	8642553
M-400	6110-01-248-6671	SOLENOID, ELECTRICAL	5945-01-295-4543	8642587
M-400	6110-01-248-6671	CIRCUIT BREAKER	5925-01-292-8228	KD3400F
M-400	6110-01-248-6671	TERMINAL BOARD	PBD-22-350-3	PBD-22-350-3

**Table 7-5. Generator, 100KW**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	STUD, PLAIN	5307-00-237-8829	04306-0311
MEP007B	6115-01-036-6374	TERMINAL, STUD	5940-00-234-3383	04306-0551
MEP007B	6115-01-036-6374	GASKET	5310-00-595-6398	101487
MEP007B	6115-01-036-6374	GASKET	5330-00-663-4773	101489
MEP007B	6115-01-036-6374	COCK,DRAIN	4820-00-752-9040	106498
MEP007B	6115-01-036-6374	FREQUENCY METER MAT	6625-00-003-0971	10880
MEP007B	6115-01-036-6374	COVER,BATTERY TERMIN	5940-00-738-6272	10942521
MEP007B	6115-01-036-6374	LAMP,INCANDESCENT	6240-00-155-7878	1142AS428-1
MEP007B	6115-01-036-6374	BEARING, WASHER	3120-00-118-3007	11634713
MEP007B	6115-01-036-6374	GASKET	5330-00-291-6881	120848
MEP007B	6115-01-036-6374	FILTER ELEMENT,FLUID	2910-00-287-1912	121601
MEP007B	6115-01-036-6374	CYLINDER, ETHER	2910-01-128-9537	12277378
MEP007B	6115-01-036-6374	COCK PLUG DRAIN	4820-00-136-1085	1260-1-2
MEP007B	6115-01-036-6374	LIGHTS PANEL	6210-00-935-6919	13214E7704
MEP007B	6115-01-036-6374	SOLENOID,ELECTRICAL	5945-01-149-2903	1500-24/32AS1U1
MEP007B	6115-01-036-6374	WASHER,FLAT	5310-00-639-6385	151328
MEP007B	6115-01-036-6374	COCK,SHUTOFF,SC	4820-00-595-3191	15V5L
MEP007B	6115-01-036-6374	SEAL,PLAIN ENCASED	5330-00-105-2660	1B2257
MEP007B	6115-01-036-6374	LEVER, MANUAL CONT.	3040-01-216-2741	1G40905
MEP007B	6115-01-036-6374	RADIATOR CONTROL ASS	1G4091	1G4091
MEP007B	6115-01-036-6374	THERMOSTAT,FLOW CONT	6620-00-340-9303	1G4092
MEP007B	6115-01-036-6374	ROD ASSEMBLY	2930-00-388-9960	1G4094
MEP007B	6115-01-036-6374	GASKET	5330-00-924-0048	1S4295
MEP007B	6115-01-036-6374	GASKET	5330-00-989-3295	1S4810
MEP007B	6115-01-036-6374	GASKET	5330-00-931-8048	1S6595
MEP007B	6115-01-036-6374	PACKING,PREFORMED	5330-00-113-3804	2-008N674-70
MEP007B	6115-01-036-6374	PACKING, PREFORMED	5330-00-290-8365	2-113N951-75
MEP007B	6115-01-036-6374	FUSEHOLDER,EXTRACTOR	5920-00-450-8921	2-8
MEP007B	6115-01-036-6374	FUSE,	5920-00-131-9897	2-9
MEP007B	6115-01-036-6374	THERMOWATT CONVERTER	5925-00-003-0973	21820A
MEP007B	6115-01-036-6374	STUD,PLAIN	5307-00-287-6471	227032

**Table 7-5. Generator, 100KW**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	WATTMETER	6625-00-003-0975	260935
MEP007B	6115-01-036-6374	PLUG, PIPE	4730-00-010-3874	2B858
MEP007B	6115-01-036-6374	PACKING, PREFORM	5330-00-291-7192	2H3934
MEP007B	6115-01-036-6374	ELBOW, PIPE	4730-00-871-1288	2H9866
MEP007B	6115-01-036-6374	THERMOSTAT FLOW	6620-01-008-1893	2P3768
MEP007B	6115-01-036-6374	GASKET P/O KIT	5330-01-067-5728	2P6132
MEP007B	6115-01-036-6374	THERMOSTAT	6620-01-008-1893	308-175
MEP007B	6115-01-036-6374	CLAMP X LOOP	5340-00-988-1162	332-1459
MEP007B	6115-01-036-6374	FILTER ELEMENT FLUID	2910-00-374-6020	35070
MEP007B	6115-01-036-6374	BOLT, STARTER MOTOR	5306-00-420-0558	3733289
MEP007B	6115-01-036-6374	ELBOW, PIPE	4730-00-882-8622	3B9053
MEP007B	6115-01-036-6374	PIN,TAPERED,PLAIN	5315-00-281-6884	3L1474
MEP007B	6115-01-036-6374	FILTER ELEMENT,FLUID	2940-00-580-6283	MS35802-3
MEP007B	6115-01-036-6374	HOSE ASSEMBLY,NONMET	4720-01-129-5582	3N4906
MEP007B	6115-01-036-6374	SEMICONDUCT DEV SET	5961-01-121-0624	3N8085
MEP007B	6115-01-036-6374	LEVER ASSEMBLY,FUEL	2910-01-126-4893	3N9633
MEP007B	6115-01-036-6374	TURBOCHARGER	2950-00-498-3765	407640-3
MEP007B	6115-01-036-6374	GASKET, COVER	5330-00-763-9322	479136
MEP007B	6115-01-036-6374	STRAINER	2910-00-893-6402	479729
MEP007B	6115-01-036-6374	INVERTED NUT,TUBE	4730-00-013-7397	4B8756
MEP007B	6115-01-036-6374	BOLT,HEXAGON	5306-00-228-6835	4L6454
MEP007B	6115-01-036-6374	PACKING, PREFORMED	5330-00-074-3773	4L8337
MEP007B	6115-01-036-6374	GASKET	5330-01-024-3360	4N117
MEP007B	6115-01-036-6374	GASKET	5330-01-106-8540	4N159
MEP007B	6115-01-036-6374	SOLENOID,ELECTRICAL	5945-01-149-2903	4N3890
MEP007B	6115-01-036-6374	TUBE, BENT	4710-01-129-1580	4N6323
MEP007B	6115-01-036-6374	RHEOSTAT	5905-00-401-6563	5-58
MEP007B	6115-01-036-6374	BELT ALTERNATOR	3030-00-102-6281	5-8113
MEP007B	6115-01-036-6374	INDICATOR,LIQUID,QTY	6680-00-933-3600	505-BC
MEP007B	6115-01-036-6374	INDICATOR OIL PRESSU	6620-00-005-4879	505-BD
MEP007B	6115-01-036-6374	OIL PRESSURE TRANSMI	6620-00-134-1593	506-AD
MEP007B	6115-01-036-6374	TRANSMITTER, TEMPERA	6685-00-814-5271	506-AE
MEP007B	6115-01-036-6374	GASKET	5330-00-846-9841	5573725
MEP007B	6115-01-036-6374	PACKING PREFORMED	5330-00-198-6169	5B3718
MEP007B	6115-01-036-6374	PACKING, PREFORMED	5330-00-663-5709	5F3106



**Table 7-5. Generator, 100KW**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	CAP, FILLER OPENING	2940-00-725-3360	5L2952
MEP007B	6115-01-036-6374	GASKET (WASHER FLAT)	5310-00-074-3833	5M2667
MEP007B	6115-01-036-6374	CLAMP RADIATOR HOSE	4730-01-106-7246	5P4868
MEP007B	6115-01-036-6374	GASKET, KIT	5330-01-129-5793	5P8771
MEP007B	6115-01-036-6374	GASKET SET	5330-01-117-5893	5P9568
MEP007B	6115-01-036-6374	GAGE ROD-CAP, LI	6680-01-125-0064	5R2204
MEP007B	6115-01-036-6374	GASKET	5330-00-279-9205	5R2814
MEP007B	6115-01-036-6374	BEARING,PLAIN,RODEND	3120-00-340-5178	5R3054
MEP007B	6115-01-036-6374	SHAFT,STRAIGHT	3040-01-125-4505	5R3625
MEP007B	6115-01-036-6374	GASKET	5330-00-760-7367	5S6735
MEP007B	6115-01-036-6374	FILTER ELEMENT,FLUID	2910-00-287-1912	6438472
MEP007B	6115-01-036-6374	INDICATOR FAULT	6625-00-003-0976	69-530
MEP007B	6115-01-036-6374	RESISTOR, VARIAB	5905-00-264-7368	69-548
MEP007B	6115-01-036-6374	INSULATOR,BUSHING	5970-00-257-8055	69-570-3
MEP007B	6115-01-036-6374	SWITCH,TOGGLE	5930-00-782-8590	69-572
MEP007B	6115-01-036-6374	AMMETER	6625-00-869-3141	69-574
MEP007B	6115-01-036-6374	INDICATOR,LIQ. QTY	6680-00-052-3544	69-575
MEP007B	6115-01-036-6374	INDICATOR,PRESSURE	6620-00-005-4879	69-576-2
MEP007B	6115-01-036-6374	INDICATOR TEMP	6685-00-857-0662	69-577
MEP007B	6115-01-036-6374	BOOT, DUST AND M	5975-00-421-6952	69-582
MEP007B	6115-01-036-6374	LIGHT,PANEL	6210-00-935-6919	69-593
MEP007B	6115-01-036-6374	LAMP,INCANDESCENT	6240-00-155-7878	69-594
MEP007B	6115-01-036-6374	FREQUENCY METER	6625-00-003-0971	69-595
MEP007B	6115-01-036-6374	METER,ELECTRICAL FRE	6625-00-004-8066	69-597
MEP007B	6115-01-036-6374	VOLTMETER	6625-00-869-3144	69-599
MEP007B	6115-01-036-6374	TERMINAL, STUD	5940-00-237-2704	69-692-5
MEP007B	6115-01-036-6374	TERMINAL,STUD	5940-00-234-3383	69-692-6
MEP007B	6115-01-036-6374	SWITCH, THERMOSTAT	5930-01-009-0953	69-697-4
MEP007B	6115-01-036-6374	CIRCUIT CARD ASSEMBL	6110-00-201-6015	69-768
MEP007B	6115-01-036-6374	COCK,PLUG	4820-00-209-1562	69-774
MEP007B	6115-01-036-6374	FUEL SOLENIOD VALVE	4810-01-067-8276	69-778
MEP007B	6115-01-036-6374	PRESSURE TRANSMITTER	6620-00-134-1593	69-779-2
MEP007B	6115-01-036-6374	VALVE,SOLENOID	4810-00-216-1849	69-787-2
MEP007B	6115-01-036-6374	GASKET	5330-00-291-6881	6F9163
MEP007B	6115-01-036-6374	GASKET	5330-00-891-0982	6L3528

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<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	SEAL	5330-00-890-8104	6L5359
MEP007B	6115-01-036-6374	GASKET AND SEAL SET	5330-01-094-4481	6N1133
MEP007B	6115-01-036-6374	GASKET	5330-01-068-7345	6N2843
MEP007B	6115-01-036-6374	GASKET	5330-01-093-7888	6N7887
MEP007B	6115-01-036-6374	GASKET SET	5330-01-117-9336	6V2525
MEP007B	6115-01-036-6374	RELAY, ELECTROMAGNET	5945-00-057-5655	70-1138
MEP007B	6115-01-036-6374	ELEMENT AIR CLEANER	2940-00-463-1362	70-1251
MEP007B	6115-01-036-6374	SWITCH,FLOAT,FUEL	2910-00-405-6153	70-1594
MEP007B	6115-01-036-6374	REACTOR, 60HZ	5950-00-201-7439	70-4040
MEP007B	6115-01-036-6374	SWITCH,PRESSURE	5930-00-208-4688	70-4043
MEP007B	6115-01-036-6374	STARTER MOTOR	2920-00-213-5259	70-4046
MEP007B	6115-01-036-6374	VALVE, NEEDLE	4820-00-595-3191	70-4059
MEP007B	6115-01-036-6374	CURRENT TRANSF. ASSY	5950-00-206-1466	70-4084
MEP007B	6115-01-036-6374	RADIATOR	2930-00-191-8996	70-4088
MEP007B	6115-01-036-6374	LOUVER ASSEMBLY	2930-00-248-0802	70-4092
MEP007B	6115-01-036-6374	IMPELLER,FAN,AXIAL	2930-00-209-1788	70-4094
MEP007B	6115-01-036-6374	PUSH-PULL CONT ASSY	3040-00-264-8664	70-4096-01
MEP007B	6115-01-036-6374	ELECT. COMP.ASSEMBLY	5999-01-188-2100	70-4115
MEP007B	6115-01-036-6374	REGULATOR,VOLTAGE	6110-00-258-8542	70-4119
MEP007B	6115-01-036-6374	EXCITER, REGULATOR	6115-00-185-8021	70-4145
MEP007B	6115-01-036-6374	HOSE PREFORMED FUEL	4720-00-209-1563	70-4163
MEP007B	6115-01-036-6374	GASKET	5330-00-216-8512	70-4164
MEP007B	6115-01-036-6374	GASKET	5330-00-221-9846	70-4165
MEP007B	6115-01-036-6374	CAP ASSEMBLY,PROTECT	2990-00-089-2079	70-4203
MEP007B	6115-01-036-6374	WIRING HARNESS	5995-00-514-0849	70-4211
MEP007B	6115-01-036-6374	TANK,FUEL,ENGINE	2910-00-208-7316	70-4247
MEP007B	6115-01-036-6374	TRAY,BATTERY	6115-00-248-6125	70-4262
MEP007B	6115-01-036-6374	BATTERY RETAINER	6135-01-192-3143	70-4263
MEP007B	6115-01-036-6374	BOARD, TERMINAL LOAD	70-4297	70-4297
MEP007B	6115-01-036-6374	BATTERY BOX DOOR	70-4362	70-4362
MEP007B	6115-01-036-6374	SEMICOND.DEVICE,DIOD	5961-01-151-4694	70-4547-1
MEP007B	6115-01-036-6374	FILTER,FLUID	2910-00-085-5598	70-507
MEP007B	6115-01-036-6374	VALVE, SOLENOID	4810-00-279-2825	70-513
MEP007B	6115-01-036-6374	WIRING, HARNESS	5995-00-512-1024	70-515
MEP007B	6115-01-036-6374	ALTERNATOR	2920-01-208-0804	70D43103S01

**Table 7-5. Generator, 100KW**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	GENERATOR,ENGINE ACC	2920-00-118-1222	70D44672B02
MEP007B	6115-01-036-6374	COVER, PROTECTIV	6115-01-101-4059	71-4463
MEP007B	6115-01-036-6374	LEAD, ELECTRICAL	71-4562-01	71-4562-01
MEP007B	6115-01-036-6374	GUARD FAN,GENER	6115-01-143-0350	71-4571-01
MEP007B	6115-01-036-6374	GUARD,MECHANICAL DRI	2930-01-146-4187	71-4571-02
MEP007B	6115-01-036-6374	GASKET	5330-00-216-8375	71-4624
MEP007B	6115-01-036-6374	COCK,PLUG	4820-00-090-0554	71-4859
MEP007B	6115-01-036-6374	CLIP	6115-01-092-4498	71-4893
MEP007B	6115-01-036-6374	TRANSISTOR	5961-00-222-1754	71-4936
MEP007B	6115-01-036-6374	STUD ASSEMBLY,TURNLO	5325-00-491-1402	71-4945
MEP007B	6115-01-036-6374	METER,TIME TOTALIZIN	6645-00-089-8842	73-0507
MEP007B	6115-01-036-6374	RADIATOR HOSES UPPER	4720-01-129-3135	76-4122
MEP007B	6115-01-036-6374	RELAY,ELECTROMAGNETI	5945-01-131-0763	76-4124-02
MEP007B	6115-01-036-6374	CABLE ASSY.	76-4130	76-4130
MEP007B	6115-01-036-6374	CIRCUIT BREAKER	5925-01-050-9661	76-4182-01
MEP007B	6115-01-036-6374	ROPE, NYLON	76-4190-01	76-4190-01
MEP007B	6115-01-036-6374	CONTROLLER, MOTOR	6110-01-052-8081	76-4193
MEP007B	6115-01-036-6374	RADIATOR HOSES, LOWER	4720-01-128-9402	76-4212
MEP007B	6115-01-036-6374	WIRING HARNESS	79-4510	79-4510
MEP007B	6115-01-036-6374	GASKET	5330-00-297-7228	7F7590
MEP007B	6115-01-036-6374	PACKING,PREFORMED	5330-00-579-3156	7F8607
MEP007B	6115-01-036-6374	CORE,OIL COOLER	2930-01-011-2674	7N110
MEP007B	6115-01-036-6374	LEVER,MANUAL CONTROL	3040-01-273-5101	7N2299
MEP007B	6115-01-036-6374	FUEL INJECTION PUMP	7N2377	7N2377
MEP007B	6115-01-036-6374	PUMP, WATER	2930-01-119-1766	7N5909
MEP007B	6115-01-036-6374	GASKET	5330-01-127-8566	7N7997
MEP007B	6115-01-036-6374	CYLINDER BLOCK PLATE	2815-01-127-2912	7N7998
MEP007B	6115-01-036-6374	GASKET	5330-01-128-5196	7N7999
MEP007B	6115-01-036-6374	SHAFT (1), SHOULDERE	3040-01-125-9976	7N9635
MEP007B	6115-01-036-6374	PACKING,PREFORMED	5330-00-494-2765	7S3206
MEP007B	6115-01-036-6374	VALVE ASSEMBLY,FUEL	4820-00-470-6291	7S8731
MEP007B	6115-01-036-6374	GASKET	5310-00-551-0433	853562
MEP007B	6115-01-036-6374	SEAL OIL FILTER	5330-00-914-5821	8M4445
MEP007B	6115-01-036-6374	GASKET	5330-01-132-2201	8N5928
MEP007B	6115-01-036-6374	TUBE ASSEMBLY,METAL	4710-01-129-8085	8N9733

**Table 7-5. Generator, 100KW**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	TUBE ASSY METAL	4710-01-128-4740	8N9736
MEP007B	6115-01-036-6374	GASKET	5330-00-520-1552	8S1605
MEP007B	6115-01-036-6374	GASKET	5330-00-613-7468	8S1965
MEP007B	6115-01-036-6374	CHAMBER,PRECOMBUSTIO	2815-00-450-9342	8S3970
MEP007B	6115-01-036-6374	RING	5365-00-432-8183	8S7762
MEP007B	6115-01-036-6374	SEAL IMPELLER	5330-00-431-7137	8S8821
MEP007B	6115-01-036-6374	BOLT,MACHINE	5306-00-721-5679	9054219
MEP007B	6115-01-036-6374	GASKET OIL FILTER	5330-00-921-7128	9F4522
MEP007B	6115-01-036-6374	PACKING,PREFORMED	5330-00-828-9787	9H6067
MEP007B	6115-01-036-6374	GASKET	5330-00-429-3727	9L1480
MEP007B	6115-01-036-6374	HOSE PREFORMED	4720-00-908-8217	9L1794
MEP007B	6115-01-036-6374	GASKET	5330-00-340-4731	9L2006
MEP007B	6115-01-036-6374	PLUG MACHINE	5365-00-119-0627	9L572
MEP007B	6115-01-036-6374	COCK,DRAIN	4820-00-752-9040	A0100-4913
MEP007B	6115-01-036-6374	ROD, GROUND	5975-00-878-3791	A104
MEP007B	6115-01-036-6374	BATTERY, STORAGE	6140-00-057-2554	MS35000-3
MEP007B	6115-01-036-6374	CAP,FILLER OPENING	2930-00-720-2677	AAI0859
MEP007B	6115-01-036-6374	LUBRICATING OIL,ENGI	9150-00-188-9858	ALLIEDC030
MEP007B	6115-01-036-6374	FITTING GREASE	4820-00-826-6465	47200
MEP007B	6115-01-036-6374	PUMP,FUEL,ELECTRICAL	2910-01-095-7595	72-5313
MEP007B	6115-01-036-6374	RELAY, ELECTROMA K-3	5945-00-686-6877	EE36972
MEP007B	6115-01-036-6374	FUSE,CARTRIDGE	5920-00-280-4465	F02A250V1AS
MEP007B	6115-01-036-6374	SEMICONDUCTOR	5961-00-752-5701	JAN1N1188
MEP007B	6115-01-036-6374	SEMICOND.DEVICE,DIOD	5961-01-101-3967	JAN1N1188R
MEP007B	6115-01-036-6374	SEMICONDUCTOR DEVICE	5961-00-237-2384	JAN1N5614
MEP007B	6115-01-036-6374	BELTS,V,MATCHED SET	3030-00-034-1865	71-4938-01
MEP007B	6115-01-036-6374	TRANSMITTER,FUEL LEV	6680-00-676-9242	MS500040-2
MEP007B	6115-01-036-6374	RELAY, ELECTROMA K-26	5945-00-435-1833	M5757/23-003
MEP007B	6115-01-036-6374	ANTIFREEZE	6850-00-181-7933	MILA46153
MEP007B	6115-01-036-6374	LAMP,INCANDESCENT	6240-00-143-3060	MS15567-1
MEP007B	6115-01-036-6374	PIN,QUICK RELEASE	5340-00-213-5112	MS17987-843
MEP007B	6115-01-036-6374	PIN, COTTER	5315-00-842-3044	MS24665-283
MEP007B	6115-01-036-6374	PIN,COTTER	5315-00-839-5821	MS24665-351
MEP007B	6115-01-036-6374	LAMP,INCANDESCENT	6240-00-155-8714	MS25231-313
MEP007B	6115-01-036-6374	LAMP,INCANDESCENT	6240-00-155-7836	MS25237-327

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<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MEP007B	6115-01-036-6374	LIGHT INDICATOR	6210-00-686-4999	MS25331-2
MEP007B	6115-01-036-6374	WASHER, FLAT	5310-00-081-4219	MS27183-12
MEP007B	6115-01-036-6374	RELAY, ELECTROMA	5945-01-015-0354	MS27401-2
MEP007B	6115-01-036-6374	SWITCH,TOGGLE	5930-00-655-1582	MS35059-23
MEP007B	6115-01-036-6374	CONNECTOR,RECEPTACLE	5935-01-050-7485	MS3506-1
MEP007B	6115-01-036-6374	WASHER,LOCK	5310-00-543-5060	MS35338-39
MEP007B	6115-01-036-6374	CAP,FILLER OPENING	2910-00-141-9758	MS35645-1
MEP007B	6115-01-036-6374	PACKING,PREFORMED	5330-00-090-2128	MS35748-1
MEP007B	6115-01-036-6374	GASKET	5330-00-514-3289	MS35769
MEP007B	6115-01-036-6374	CLAMP,HOSE	4730-00-908-6294	MS35842-16
MEP007B	6115-01-036-6374	TERMINAL,STUD	5940-00-237-2704	MS39347-6
MEP007B	6115-01-036-6374	TERMINAL,LUG	5940-00-549-6581	MS75004-1
MEP007B	6115-01-036-6374	TERMINAL,LUG	5940-00-549-6583	MS75004-2
MEP007B	6115-01-036-6374	BOLT,MACHINE	5306-00-225-8497	MS90725-32
MEP007B	6115-01-036-6374	SCREW	5305-00-068-0502	MS90725-6
MEP007B	6115-01-036-6374	SCREW,CAP,HEXAG	5305-00-071-2070	MS90728-114
MEP007B	6115-01-036-6374	KNOB	5355-00-916-2060	MS91528-2P4B
MEP007B	6115-01-036-6374	SULFURIC ACID, E	6810-00-893-8138	OS801
MEP007B	6115-01-036-6374	VALVE,BLEEDER HYD	4820-01-120-4532	P59-500
MEP007B	6115-01-036-6374	GASKET	5330-00-549-7691	PL5854
MEP007B	6115-01-036-6374	RESISTOR,FIXED,COMP.	5905-00-110-0196	RCR20G102JS
MEP007B	6115-01-036-6374	BOLT, HEX HEAD	5305-00-269-3214	S1591
MEP007B	6115-01-036-6374	BOLT, MACHINE	5306-00-260-4508	S1594
MEP007B	6115-01-036-6374	SWITCH, PRESSURE	5930-00-208-4688	SP1Z15FA
MEP007B	6115-01-036-6374	VALVE,SOLENOID	4810-00-216-1849	V5L8720

**Table 7-6. Trailer for 100KW Generator**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M353	2330-00-542-2831	ADAPTER, STRAIGHT	4730-00-987-9073	MS39133-2-B
M353	2330-00-542-2831	AIR FILTER, BRAKE	2530-00-797-9295	A298749
M353	2330-00-542-2831	BEARING, ROLLER, WHE	3110-00-100-5951	MS19081-112
M353	2330-00-542-2831	BEARING,ROLLER	3110-00-930-6396	703201
M353	2330-00-542-2831	BEARING,ROLLER	3110-00-100-6004	K12528
M353	2330-00-542-2831	BEARING,SLEEVE	3120-00-722-9410	10944430
M353	2330-00-542-2831	BOLT,RIBBED SHOULDER	5306-00-733-9239	MS51946-1
M353	2330-00-542-2831	BOLT,SQUARE NECK	5306-00-274-8058	7735622
M353	2330-00-542-2831	BRAKE SHOE	2530-00-774-9402	FE17760
M353	2330-00-542-2831	BUSHING,SLEEVE	3120-01-015-8845	8389579
M353	2330-00-542-2831	CAP,DUST,PROPELLER	2520-00-084-4585	10906677
M353	2330-00-542-2831	CLEVIS, ROD END	5340-00-985-0823	MS35812-4
M353	2330-00-542-2831	COCK,DRAIN	4820-00-849-1220	MS35782-5
M353	2330-00-542-2831	CONE AND ROLLER	3110-00-143-7538	39590
M353	2330-00-542-2831	CONE AND ROLLERS,TAP	3110-00-100-3703	09062
M353	2330-00-542-2831	CUP,TAPERED ROLLER	3110-00-100-0641	BT09196
M353	2330-00-542-2831	CYLINDER,ASSEMBLY	2530-00-741-2065	EW14413
M353	2330-00-542-2831	DIAPHRAGM,BRAKE	2530-00-737-7783	7979611
M353	2330-00-542-2831	FITTING,LUBRICATION	4730-00-172-0001	1680B
M353	2330-00-542-2831	FITTING,LUBRICATION	4730-00-172-0049	MS15006-1
M353	2330-00-542-2831	FITTING,LUBRICATION	4730-00-050-4205	MS15001-3
M353	2330-00-542-2831	FORK ASSEMBLY	4910-01-075-8301	D7522-B1
M353	2330-00-542-2831	GREASE, AUTOMOTIVE	9150-01-197-7693	MIL-G-0010924
M353	2330-00-542-2831	GREASE,AUTOMOTIVE	9150-00-190-0905	BRAYCOTE610
M353	2330-00-542-2831	HANDWHEEL	2530-00-311-4746	7522-2
M353	2330-00-542-2831	HOSE ASSEMBLY	4720-01-062-0858	11625142-3
M353	2330-00-542-2831	HOSE ASSEMBLY, N	4720-00-069-9338	8718996
M353	2330-00-542-2831	HOSE ASSEMBLY,NONME	4720-00-679-0923	7411024
M353	2330-00-542-2831	INNER TUBE,PNEUMATIC		MS35392-50
M353	2330-00-542-2831	LAMP,INCANDESCENT	6240-00-019-0877	190877
M353	2330-00-542-2831	LAMP,INCANDESCENT	6240-00-019-3093	MS15570-623
M353	2330-00-542-2831	LAMP,INCANDESCENT	6240-00-044-6914	MS35478-1683
M353	2330-00-542-2831	LEVER, MANUAL	5340-00-088-1780	11625410
M353	2330-00-542-2831	LEVER,MANUAL CONTROL	2530-00-088-1780	11625410
M353	2330-00-542-2831	NUT PLAIN SINGL	5310-00-594-8038	MS51983-2

**Table 7-6. Trailer for 100KW Generator**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
M353	2330-00-542-2831	NUT,PLAIN,SINGLE	5310-00-518-5566	MS51983-1
M353	2330-00-542-2831	NUT,PLAIN,SLOTTED,HE	5310-00-842-7783	MS35692-53
M353	2330-00-542-2831	PACKING, PREFORMED	5330-00-090-2128	MS35748-1
M353	2330-00-542-2831	PIN, RETRACTABLE	2590-00-064-8844	8389578
M353	2330-00-542-2831	PIN,COTTER	5315-00-012-0123	MS24665-355
M353	2330-00-542-2831	PIN,COTTER	5315-00-209-7273	MS24665-625
M353	2330-00-542-2831	PIN,STRAIGHT,HEADED	5315-01-129-7746	10893106
M353	2330-00-542-2831	SEAL,PLAIN ENCASED	5330-01-126-1223	10906680
M353	2330-00-542-2831	SEAL,PLAIN ENCASED	5330-00-741-1429	7411429
M353	2330-00-542-2831	SPACE, SLEEVE	5365-00-741-1433	2275698
M353	2330-00-542-2831	SPRING,HELICAL,EXTEN	5360-00-535-1924	N12929
M353	2330-00-542-2831	STOP LIGHT TAIL	6220-01-093-4439	MS52125-2
M353	2330-00-542-2831	STRAP,RETAINING	5340-00-977-0815	7411080
M353	2330-00-542-2831	SUPPORT,RETRACT	2590-00-466-1964	6545515
M353	2330-00-542-2831	TIRE, PNEOMATIC	2610-00-050-9730	ZZ-T-410
M353	2330-00-542-2831	TIRE,PNEUMATIC	2610-00-262-8653	MS35388-21
M353	2330-00-542-2831	VALVE, RELAY EMERGEN	2530-00-118-8589	MS53004-1

**Table 7-7. Forklift, Models: MHE-270**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MHE-270	3930-01-330-8907	PACKING, PREFORMED	5330-01-042-2819	185-8
MHE-270	3930-01-330-8907	HOSE ASSEMBLY, NONME	4720-01-394-6165	1C01772EEE0543A
MHE-270	3930-01-330-8907	STARTER MOTOR	2920-01-407-4857	228000-1750
MHE-270	3930-01-330-8907	SLIDE,DIRECTIONAL CO	4810-01-359-2496	246621
MHE-270	3930-01-330-8907	FILTER ELEMENT FLUID	4330-01-358-8649	247050
MHE-270	3930-01-330-8907	LUBE OIL	9150-01-178-4726	30/QT/BT/2104
MHE-270	3930-01-330-8907	FUEL FILTER	2910-00-238-0033	3903640
MHE-270	3930-01-330-8907	PUMP,FUEL,CAM,ACTUAT	2910-01-216-4192	3904374
MHE-270	3930-01-330-8907	PACKING, PREFORMED	5330-01-267-2981	3906694
MHE-270	3930-01-330-8907	O-RING	5330-01-281-8998	3906695
MHE-270	3930-01-330-8907	FILTER ELEMENT	2930-01-265-3262	3908616
MHE-270	3930-01-330-8907	WIRING HARNESS	6150-01-277-0088	5300400-002
MHE-270	3930-01-330-8907	INC, HYD SIGHT GLASS	6680-01-099-4835	550-5
MHE-270	3930-01-330-8907	CYLINDER ASSEMBLY	3040-01-368-0090	6961-TA
MHE-270	3930-01-330-8907	CYLINDER,ACTUATING	3040-01-363-8114	6962-HR
MHE-270	3930-01-330-8907	MIRROR ASSEMBLY	2540-01-393-4573	7091Y100-3
MHE-270	3930-01-330-8907	SOLENOID,ELECTRICAL	5945-01-291-6281	7180-49A
MHE-270	3930-01-330-8907	CHAIN ASSY	4010-01-371-5996	8909-145-001
MHE-270	3930-01-330-8907	PIN,SHOULDER	5315-01-370-6832	8909-302-001
MHE-270	3930-01-330-8907	ROTATE CARRIAGE ASSY	8909-307-001	8909-307-001
MHE-270	3930-01-330-8907	FILTER ELEMENT	4330-01-300-8580	928766
MHE-270	3930-01-330-8907	PACKING,PREFORMED	5330-00-292-6004	A185-6
MHE-270	3930-01-330-8907	SCREW,CAP,HEXAGON	5305-00-269-3238	B1821BH038F125N
MHE-270	3930-01-330-8907	SCREW CAP HEX	5305-00-269-3240	B1821BH038F150N
MHE-270	3930-01-330-8907	SCREW,CAP,HEXAGON	5305-00-916-2345	B1821BH075F200N
MHE-270	3930-01-330-8907	CYLINDER	2540-01-370-7674	C16-09569
MHE-270	3930-01-330-8907	HYDRAULIC FLUID	9150-00-657-4959	DEXRON II
MHE-270	3930-01-330-8907	FILTER ELEMENT	2910-01-192-4622	FF5038
MHE-270	3930-01-330-8907	GASKET,SEAL	5330-01-136-7335	HC-EC-S-12
MHE-270	3930-01-330-8907	GREASE,AUTOMOTIVE	9150-01-197-7690	MIL-G-10924
MHE-270	3930-01-330-8907	HYDRAULIC FLUID	9150-01-131-3323	MIL-H-46170



**Table 7-7. Forklift, Models: MHE-270**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MHE-270	3930-01-330-8907	OIL,LUBE,ENGINE	9150-00-186-6668	MIL-L-2104
MHE-270	3930-01-330-8907	LUBRICATING GEAR OIL	9150-01-035-5393	MIL-L-2105
MHE-270	3930-01-330-8907	ANTIFREEZE	6850-00-181-7929	MILA46153
MHE-270	3930-01-330-8907	HYDRAULIC FLUID, PET	9150-00-935-9809	MILH6083
MHE-270	3930-01-330-8907	PACKING, PREFORMED	5330-00-805-2966	MS28778-4
MHE-270	3930-01-330-8907	NUT,SELF-LOCKING	5310-00-241-6659	MS51943-37
MHE-270	3930-01-330-8907	BATTERY,STORAGE	6140-00-057-2554	MS52149-1
MHE-270	3930-01-330-8907	FILTER ELEMENT	2940-00-979-3806	P18-1054
MHE-270	3930-01-330-8907	SEQUENCE VALVE	4820-01-378-5887	SCCA-CAN-2350PSI
MHE-270	3930-01-330-8907	TIRE,PNEUMATIC	2610-01-320-0460	416525

**Table 7-8. Laundry, Model M85-200**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
M85-200	3510-01-365-5687	ADAPTER,NOZZLE,OIL	4530-00-707-5965	6-1-8042
M85-200	3510-01-365-5687	CABLE, POWER, ELECTR	6145-01-219-8696	6-1-6263
M85-200	3510-01-365-5687	NOZZLE,OIL BURNER,PR	4530-01-375-2279	6-1-8043
M85-200	3510-01-365-5687	POWER TRANSFORMER	5950-01-008-8617	312-25AX0202
M85-200	3510-01-365-5687	PUMP,ROTARY	4320-00-432-1691	H2BA-100

**Table 7-9. Expandable Shelter, 1-Sided, Models MC86101  
NSNs 5411-01-124-1377 & 5411-01-295-3433**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MC86101	5411-01-124-1377	BOLT,MACHINE	5306-00-531-8979	AN6-7A
MC86101	5411-01-124-1377	CATCH,CLAMPING	5340-01-226-4845	5-4-4962
MC86101	5411-01-124-1377	INDICATOR LEVEL	5210-00-081-6052	5-4-4818
MC86101	5411-01-124-1377	PAD, NONSKID	5411-01-225-8405	5-4-4881
MC86101	5411-01-124-1377	PIN SPRING	5315-00-058-9812	MS16562-255
MC86101	5411-01-124-1377	RING, RETAINING	5365-00-827-3262	MS90707-4025
MC86101	5411-01-124-1377	RIVET,BLIND	5320-01-236-3929	1604-0615
MC86101	5411-01-124-1377	SCREW, MACHINE	5305-01-225-6697	5-4-5063
MC86101	5411-01-124-1377	WASHER,FLAT	5310-00-167-0804	AN960C616
MC86101	5411-01-124-1377	WASHER,LOCK	5310-00-984-7042	MS35338-141
MC86101	5411-01-124-1377	WIRE CONNECTOR-WING	5940-00-665-9568	5-4-5079
MC86101	5411-01-295-3433	BALLAST	6250-01-233-1818	W-589-D-TCP
MC86101	5411-01-295-3433	BASE,JACK	5411-01-225-3877	5-4-2886
MC86101	5411-01-295-3433	BEARING,BALL	3110-01-225-6626	5-4-4815
MC86101	5411-01-295-3433	BOLT, CHAIN	5340-01-226-7626	5-4-3033-1
MC86101	5411-01-295-3433	BOX CONNECTOR, E	5975-01-167-9758	2525
MC86101	5411-01-295-3433	CAP,SEAL, FIXED ROOF		5-4-4605-1
MC86101	5411-01-295-3433	CATCH,CLAMPING	5340-01-226-4845	5-4-4962
MC86101	5411-01-295-3433	CONNECTOR RECEPTACLE	5935-01-263-5071	WC596/188-1
MC86101	5411-01-295-3433	CORD, ELECTRICAL	6145-01-225-3929	5-4-4878
MC86101	5411-01-295-3433	FASTENER, SNAP	5325-01-225-3956	5-4-5117
MC86101	5411-01-295-3433	HANDLE,SOLAR BAR	5411-01-225-8430	5-4-4718
MC86101	5411-01-295-3433	INDICATOR LEVEL	5210-00-081-6052	5-4-4818
MC86101	5411-01-295-3433	JACK ASSEMBLY	5-4-2887-1	5-4-2887-1
MC86101	5411-01-295-3433	JACK, LEVELING	5411-01-225-3888	5-4-2867
MC86101	5411-01-295-3433	LAMP,FLOURESCENT	6240-00-152-2987	A-A-1848
MC86101	5411-01-295-3433	LAMP,INCANDESCENT	6240-00-143-3070	MS15586-2
MC86101	5411-01-295-3433	LAMP,INCANDESCENT	6240-00-068-5148	5-4-4871
MC86101	5411-01-295-3433	LANYARD	5411-01-225-8404	5-4-4883
MC86101	5411-01-295-3433	LATCH ASSEMBLY,HINGE	5411-01-225-8408	5-4-3128-1
MC86101	5411-01-295-3433	PIN, QUICK RELEASE	5340-00-702-3192	MS17985C621
MC86101	5411-01-295-3433	PIN, RETAINING	5315-01-207-7930	5-4-4812
MC86101	5411-01-295-3433	PIN,SPRING	5315-00-058-9812	MS16562-255
MC86101	5411-01-295-3433	PLUNGER, BALL	5411-01-225-6575	5-4-4816
MC86101	5411-01-295-3433	RING, RETAINING	5365-00-827-3262	MS90707-4025

**Table 7-9. Expandable Shelter, 1-Sided, Models MC86101  
NSNs 5411-01-124-1377 & 5411-01-295-3433**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MC86101	5411-01-295-3433	RIVET,BLIND	5320-00-106-4911	BN527-428-2
MC86101	5411-01-295-3433	RIVET,BLIND	5320-01-032-1043	1601-0414
MC86101	5411-01-295-3433	RIVET,BLIND	5320-00-236-3929	5-4-4937
MC86101	5411-01-295-3433	RIVET,BLIND	5320-01-032-1043	5-4-4814
MC86101	5411-01-295-3433	RIVET,BLIND	5320-00-005-1051	5-4-4938
MC86101	5411-01-295-3433	SCREW CAPTIVE	5411-01-226-4669	5-4-4942
MC86101	5411-01-295-3433	SCREW, MACHINE	5305-01-225-6697	5-4-5063
MC86101	5411-01-295-3433	SHEET METAL PATCH	9535-00-232-0418	QQ-A-250/5
MC86101	5411-01-295-3433	SHIELD,LIGHT	6210-01-032-0825	30181
MC86101	5411-01-295-3433	STEP, FOLDING	5820-00-990-5354	5-4-4964
MC86101	5411-01-295-3433	STOP ASSEMBLY,P	5411-01-298-7101	5-4-2989
MC86101	5411-01-295-3433	WASHER, FLAT	5310-00-167-0806	AN960C816
MC86101	5411-01-295-3433	WIRE ROPE ASSEM	4010-01-214-0019	5-4-4813

**Table 7-10. Expandable Shelter, 2-Sides, Model MC86102  
NSNs 5411-01-136-9838 & 5411-01-294-9866**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MC86102	5411-01-136-9838	LEVEL,CYLINDRICAL,CI	5210-00-081-6052	5-4-4818
MC86102	5411-01-294-9866	BALLAST	6250-01-233-1818	W-589-D-TCP
MC86102	5411-01-294-9866	BEARING,BALL	3110-01-225-6626	5-4-4815
MC86102	5411-01-294-9866	BLIND NUT, ASSEM	5320-01-229-1145	BN527-428-8
MC86102	5411-01-294-9866	BOLTS,MACHINE	5306-00-531-8979	AN6-7A
MC86102	5411-01-294-9866	BRACKET,MOUNTING	5411-01-225-3863	5-4-3019
MC86102	5411-01-294-9866	CAP-PLUG, PROTEC	5340-01-225-8619	5-4-4940
MC86102	5411-01-294-9866	CLIP,SPRING TENSION	5340-01-272-7819	NAS1464-065-08C
MC86102	5411-01-294-9866	CONNECTOR RECEPTACLE	5935-01-263-5071	WC596/188-1
MC86102	5411-01-294-9866	CONNECTOR, ELEC.	5935-00-812-9240	5-4-4872
MC86102	5411-01-294-9866	CORD, ELECTRICAL	6145-01-225-3929	5-4-4878
MC86102	5411-01-294-9866	COVER ASSY	1660-00-884-8492	5-4-2889
MC86102	5411-01-294-9866	COVER,ELEC.CONNECTOR	5935-00-114-5781	MS90564-3C
MC86102	5411-01-294-9866	FASTENER, SNAP	5325-01-225-3956	5-4-5117
MC86102	5411-01-294-9866	FOOT BOLT ASSEM	5411-01-225-6569	5-4-4571
MC86102	5411-01-294-9866	HANDLE, OUTSIDE-DOOR	5411-01-225-3873	5-4-3108
MC86102	5411-01-294-9866	HANDLE,MANUAL	5340-01-225-8437	5-4-2911
MC86102	5411-01-294-9866	HANDLE-JACK, ATTACHM	5-4-2880	5-4-2880
MC86102	5411-01-294-9866	HINGE, BUTT	5340-00-959-8726	838
MC86102	5411-01-294-9866	INSERT	5340-00-455-1141	5-4-4941
MC86102	5411-01-294-9866	INSERT,ROTATING-JACK	5-4-2879	5-4-2879
MC86102	5411-01-294-9866	JACK, SCREW	5411-01-250-0043	5-4-2870
MC86102	5411-01-294-9866	KIT,PLUMBING PANEL	MWO-SH003	MWO-SH003
MC86102	5411-01-294-9866	LOAD BALANCER	5411-01-238-8151	5-4-4967-1
MC86102	5411-01-294-9866	LOOP, STRAP FASTENER	5340-01-230-7068	5-4-4994
MC86102	5411-01-294-9866	NUT,PLAIN,HEXAGON	5310-00-477-6768	MS35649-2384
MC86102	5411-01-294-9866	PAD, CUSHIONING	5411-01-225-8405	5-4-4881
MC86102	5411-01-294-9866	PIN,COTTER	5315-00-234-1863	MS24665-300
MC86102	5411-01-294-9866	ROD,DOOR TOP	5411-01-225-3869	5-4-3110
MC86102	5411-01-294-9866	SCREW, CAP, HEXAG	5305-00-021-3616	MS35307-305

**Table 7-10. Expandable Shelter, 2-Sides, Model MC86102**  
**NSNs 5411-01-136-9838 & 5411-01-294-9866**

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
MC86102	5411-01-294-9866	SCREW, KNURL HEAD	5305-01-225-8409	5-4-4900
MC86102	5411-01-294-9866	SWITCH, ROTARY	5930-01-225-3935	5-4-5105
MC86102	5411-01-294-9866	TUBE, INSIDE, JACK	5411-01-337-2938	5-4-2869
MC86102	5411-01-294-9866	WASHER, FLAT	5310-00-167-0814	AN960C516L
MC86102	5411-01-294-9866	WASHER, FLAT	5310-00-167-0803	AN960C516
MC86102	5411-01-294-9866	WASHER, LOCK	5310-00-984-7042	MS35338-141
MC86102	5411-01-294-9866	SEAL, EXTERIOR ROOF	5411-01-225-3891	
MC86102	5411-01-294-9866	RIVET, DOME HEAD		5-4-6917-4

**Table 7-11. Dolly Set, M-1022**

<b>Model</b>	<b>System NSN</b>	<b>Nomenclature</b>	<b>NSN/Part #</b>	<b>Part Number</b>
M1022	2330-01-167-7262	PLUG,CHAMBER TOP	2350-01-084-6975	1AL44
M1022	2330-01-167-7262	AIR SPRING,VEHICULAR	2510-01-281-9715	NAD-18263
M1022	2330-01-167-7262	WEDGE ASSEMBLY	2530-00-117-9144	A2747H112
M1022	2330-01-167-7262	DUMMY COUPLING,AUTOM	2530-00-137-9235	7411021
M1022	2330-01-167-7262	BRAKE SHOE SET	2530-00-162-1986	12356987
M1022	2330-01-167-7262	TIE ROD END,STEERING	2530-00-184-7897	ES187R
M1022	2330-01-167-7262	DUMMY COUPLING,AUTOM	2530-00-270-3878	AD2583
M1022	2330-01-167-7262	DUMMY COUPLING,AUTOM	2530-00-545-5406	55B81
M1022	2330-01-167-7262	CAP	2530-00-773-5347	3262A53
M1022	2330-01-167-7262	TIE ROD END,STEERING	2530-00-858-4359	ES187L
M1022	2330-01-167-7262	PARTS KIT,SHOE BRAKE	2530-01-012-2880	A1199Z3432
M1022	2330-01-167-7262	BRAKE SHOE SET	2530-01-070-9220	A8-3722-T-358
M1022	2330-01-167-7262	PLUG CHAMBER TOP	2530-01-084-6975	11M012
M1022	2330-01-167-7262	STUD ASSEMBLY, RELEA	2530-01-095-3561	11M011
M1022	2330-01-167-7262	VALVE RELAY AIR	2530-01-095-8752	281865 RE-6
M1022	2330-01-167-7262	HOUSING ASSEMBLY,BRA	2530-01-134-3417	A-3280-E-6817
M1022	2330-01-167-7262	SWIVEL CASTER, PNEUM	2530-01-261-0099	4960205
M1022	2330-01-167-7262	TUBE,TIE ROD	2530-01-267-5729	5300634
M1022	2330-01-167-7262	STEERING LINK	2530-01-267-5730	7300194
M1022	2330-01-167-7262	TIE ROD,STEERING	2530-01-267-5734	6960639
M1022	2330-01-167-7262	BRAKE DRUM	2530-01-268-8744	3219-H-3570-S
M1022	2330-01-167-7262	DRAG LINK-TIE ROD	2530-01-268-8750	890082
M1022	2330-01-167-7262	VALVE,BRAKE PNEUMATI	2530-01-282-0140	104675(PP-1)
M1022	2330-01-167-7262	CHAMBER,AIR BRAKE	2530-01-286-7857	Y12-3276-L-12
M1022	2330-01-167-7262	TOWBAR,MOTOR VEHICLE	2540-01-267-5732	7967019
M1022	2330-01-167-7262	SHOCK ABSORBER	2540-01-282-1683	680093
M1022	2330-01-167-7262	STRUT ASSEMBLY	2590-01-267-5728	6960637
M1022	2330-01-167-7262	LOCK PLATE LOWER	2590-01-268-4723	6300239
M1022	2330-01-167-7262	LEG,INNER,SHOE,JACK	2590-01-384-9009	6300246
M1022	2330-01-167-7262	TIRE, PNEUMATIC	2610-00-050-9510	GP1/TYA/3.40-5/B
M1022	2330-01-167-7262	INNER TUBE, PNEU	2610-00-051-9110	ZZ-I-550/G5/3.40
M1022	2330-01-167-7262	INNER TUBE,PNEU.TIRE	2610-00-051-9450	ZZ-I-550/G2/11.0
M1022	2330-01-167-7262	TIRE, PNEUMATIC	2610-00-262-8653	MIL-T-12459/CLCC
M1022	2330-01-167-7262	VALVE CORE	2640-00-810-5861	MS51377-1
M1022	2330-01-167-7262	MOTOR DIRECT CURRENT	2895-01-287-3982	CF181.900

**Table 7-11. Dolly Set, M-1022**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M1022	2330-01-167-7262	LINK,ROLLER CHAIN	3020-01-278-6210	60 CL
M1022	2330-01-167-7262	CYLINDER,ACTUATING	3040-01-268-3559	7967041
M1022	2330-01-167-7262	PARTS KIT, LINEAR AC	3040-01-277-0323	4960211
M1022	2330-01-167-7262	CUP,TAPERED ROLLER	3110-00-293-8997	HM212011
M1022	2330-01-167-7262	CONE AND ROLLERS	3110-00-293-8998	HM212049
M1022	2330-01-167-7262	BEARING, SLEEVE	3120-01-268-3547	5400174
M1022	2330-01-167-7262	BUSHING, SLEEVE	3120-01-282-6177	4900020
M1022	2330-01-167-7262	WIRE ROPE ASSEMBLY	4010-01-225-9667	LL2-12
M1022	2330-01-167-7262	WIRE ROPE ASSEMBLY	4010-01-268-4732	5300674
M1022	2330-01-167-7262	CHAIN ASSEMBLY SINGL	4010-01-268-4733	5961356
M1022	2330-01-167-7262	SWAGING SLEEVE,WIRE	4030-00-431-5536	BWR610-2
M1022	2330-01-167-7262	HYDRAULIC PUMP	4320-01-268-3563	7967040
M1022	2330-01-167-7262	RING,WIPER	4320-01-281-9703	D-500
M1022	2330-01-167-7262	TUBE, TIE ROD	4710-01-267-5729	5300634
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7622	6960644-1
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7623	6960644-5
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7624	6960644-6
M1022	2330-01-167-7262	HOSE ASSEMBLY,NONMET	4720-01-266-7625	6960644-7
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7628	6960644-10
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7633	6960644-16
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-266-7634	6960644-17
M1022	2330-01-167-7262	HOSE ASSY	4720-01-266-7635	6960644-18
M1022	2330-01-167-7262	HOSE ASSEMBLY,NONMET	4720-01-266-9781	5961317-2
M1022	2330-01-167-7262	HOSE ASSEMBLY,NONMET	4720-01-266-9782	5961317-1
M1022	2330-01-167-7262	HOSE ASSY,NONMETALLI	4720-01-274-9229	6960644
M1022	2330-01-167-7262	HOSE ASSEMBLY,NONMET	4720-01-365-2545	3010106-6-4-4-26
M1022	2330-01-167-7262	ADAPTER STRAIGHT	4730-00-058-3353	HG04-04NJ
M1022	2330-01-167-7262	REDUCER,PIPE	4730-00-105-2395	208P-8-6
M1022	2330-01-167-7262	ELBOW PIPE	4730-00-125-7916	4-4CCTXS
M1022	2330-01-167-7262	TEE, PIPE	4730-00-214-8108	2091-4-4S
M1022	2330-01-167-7262	ELBOW,PIPE	4730-00-231-5603	6-6140239B
M1022	2330-01-167-7262	NIPPLE,TANK	4730-00-244-9848	11682888
M1022	2330-01-167-7262	TEE, PIPE	4730-00-277-9615	2225P-4
M1022	2330-01-167-7262	REDUCER,PIPE	4730-00-289-0232	123B3-8X1-4
M1022	2330-01-167-7262	ELBOW,PIPE	4730-00-469-4254	6-6 140239B



Table 7-11. Dolly Set, M-1022

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
M1022	2330-01-167-7262	COUPLING HALF,QUICK	4730-00-595-0083	MS35746-1
M1022	2330-01-167-7262	BUSHING, PIPE	4730-00-873-0110	2081-6-2S
M1022	2330-01-167-7262	BUSHING,PIPE	4730-01-028-1318	MS14315-7X
M1022	2330-01-167-7262	BUSHING,PIPE	4730-01-221-2223	13238145
M1022	2330-01-167-7262	CHUCK,AIR,INFLATING	4730-01-266-5594	5961273
M1022	2330-01-167-7262	BOLT,FLUID PASSAGE	4730-01-268-3557	5961354-1
M1022	2330-01-167-7262	BOLT,FLUID PASSAGE	4730-01-268-3558	5961354-2
M1022	2330-01-167-7262	CROSS, PIPE	4730-01-288-3883	4900104
M1022	2330-01-167-7262	VALVE,SAFETY RELIEF	4810-01-266-9776	5400172-36
M1022	2330-01-167-7262	SEAT, VALVE	4810-01-266-9784	5400162-2
M1022	2330-01-167-7262	R. VALVE, SAFETY RE	4810-01-281-7858	N178 AC
M1022	2330-01-167-7262	VALVE,PNEUMATIC TANK	4820-00-074-2314	H823
M1022	2330-01-167-7262	VALVE, CHECK	4820-00-115-3896	227871
M1022	2330-01-167-7262	COCK,DRAIN	4820-01-063-4828	57GX286
M1022	2330-01-167-7262	STEM,NEEDLE VALVE	4820-01-268-3565	5400171
M1022	2330-01-167-7262	PLUG, ROTARY, VALVE	4820-01-268-3575	5400160
M1022	2330-01-167-7262	VALVE, PNEU	4820-01-282-1682	W01-358-0003
M1022	2330-01-167-7262	VALVE, SAFETY RELIEF	4820-01-282-4105	1/8 PTF
M1022	2330-01-167-7262	HANDLE,WRENCH	5120-01-268-3543	5300703
M1022	2330-01-167-7262	SOCKET,WRENCH	5130-01-026-8330	IM-303
M1022	2330-01-167-7262	BOLT DRIVE SHANK	521018-2	521018-2
M1022	2330-01-167-7262	SCREW, TAPPING, T	5305-00-016-1615	161615
M1022	2330-01-167-7262	SCREW,CAP,HEXAGON HE	5305-00-071-2510	MS90728-13
M1022	2330-01-167-7262	SCREW,CAP,HEXAGON	5305-00-269-4529	FF-S-85
M1022	2330-01-167-7262	SCREW, CAP HEX	5305-00-543-2866	MS90728-68
M1022	2330-01-167-7262	SCREW,MACHINE	5305-00-989-7434	MS35207-263
M1022	2330-01-167-7262	SCREW	5305-01-190-1421	S-256-1
M1022	2330-01-167-7262	BOLT,EYE	5306-01-268-4726	5300671
M1022	2330-01-167-7262	BOLT,DRIVE SHANK	5306-01-268-8749	20-X-253-S
M1022	2330-01-167-7262	BOLT,DRIVE SHANK	5306-01-290-6317	20X-1656-SRH
M1022	2330-01-167-7262	LOWER LOCK LUG	5307-01-266-9779	6300229
M1022	2330-01-167-7262	NUT,SELF-LOCKING,HEX	5310-00-087-4652	MS51922-17
M1022	2330-01-167-7262	NUT, CAP	5310-00-161-9964	1199N118
M1022	2330-01-167-7262	NUT,SELF-LOCKING,HEX	5310-00-225-6992	4900064
M1022	2330-01-167-7262	NUT,PLAIN,SLOTTED,HE	5310-00-470-9340	MS35692-97

**Table 7-11. Dolly Set, M-1022**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M1022	2330-01-167-7262	NUT,PLAIN,HEXAGON	5310-00-638-2830	1227B106
M1022	2330-01-167-7262	NUT,PLAIN,SLOTTED,H	5310-00-842-7616	MS35692-105
M1022	2330-01-167-7262	NUT,PLAIN,SINGLE BAL	5310-00-880-2004	MS51983-3
M1022	2330-01-167-7262	NUT,SELF-LOCKING,HEX	5310-00-959-1488	MS51922-21
M1022	2330-01-167-7262	WASHER,FLAT	5310-00-982-6568	MS27183-33
M1022	2330-01-167-7262	NUT,HEXAGON	5310-01-059-0711	NL-110-1
M1022	2330-01-167-7262	WASHER,CONCAVE	5310-01-268-3533	5300650
M1022	2330-01-167-7262	NUT,SLEEVE	5310-01-268-3567	5400155
M1022	2330-01-167-7262	PIN,COTTER	5315-00-018-7988	MS24665-493
M1022	2330-01-167-7262	PIN,COTTER	5315-00-187-9569	MS24665-503
M1022	2330-01-167-7262	PIN, COTTER	5315-00-209-7273	MS24665-625
M1022	2330-01-167-7262	PIN,COTTER	5315-00-839-5821	MS24665-351
M1022	2330-01-167-7262	PIN,SPRING	5315-01-025-4511	MS9047-213
M1022	2330-01-167-7262	PIN,RETAINING	5315-01-207-7930	25-06
M1022	2330-01-167-7262	PIN,STRAIGHT,HEADED	5315-01-268-3537	11-093
M1022	2330-01-167-7262	PIN,STRAIGHT,HEADLES	5315-01-268-3538	5300597
M1022	2330-01-167-7262	PIN, STRAIGHT, HEAD	5315-01-268-3540	5300649-1
M1022	2330-01-167-7262	PIN,STRAIGHT,HEADLES	5315-01-268-3541	5300649-2
M1022	2330-01-167-7262	PIN,STRAIGHT,HEADLES	5315-01-268-4730	5300646-2
M1022	2330-01-167-7262	PIN,STRAIGHT,HEADLE	5315-01-278-2125	5300648-1
M1022	2330-01-167-7262	PIN,STRAIGHT HEADED	5315-01-282-0996	4900053
M1022	2330-01-167-7262	PIN,SHOULDER,HEADLES	5315-01-288-1611	6960645
M1022	2330-01-167-7262	SEAL, PLAIN, ENCASED	5330-00-015-7565	A1705K219
M1022	2330-01-167-7262	PACKING,PREFORMED	5330-00-090-2128	MN1072B
M1022	2330-01-167-7262	PACKING,PREFORMED	5330-00-448-6753	3-910N304-75
M1022	2330-01-167-7262	PACKING,PREFORMED	5330-00-584-0265	MS28775-012
M1022	2330-01-167-7262	PACKING,PREFORMED	5330-00-599-2934	MS28775-112
M1022	2330-01-167-7262	RETAINER,PACKING	5330-00-975-3550	8-012N300-90
M1022	2330-01-167-7262	SEAL,SPECIAL	5330-01-082-7965	A-1205-L-1338
M1022	2330-01-167-7262	GASKET	5330-01-082-8595	2208-M-819
M1022	2330-01-167-7262	RETAINER,PACKING	5330-01-102-9890	8-112N300-9
M1022	2330-01-167-7262	SEAL,PLAIN	5330-01-191-0472	12500375
M1022	2330-01-167-7262	SEAL RING,METAL	5330-01-268-4738	3286-M-1053-S
M1022	2330-01-167-7262	GASKET	5330-01-395-3696	2208Y363 NON-ASB
M1022	2330-01-167-7262	CAP-PLUG,PROTECTIVE	5340-00-181-1546	1707C3

**Table 7-11. Dolly Set, M-1022**

<b><u>Model</u></b>	<b><u>System NSN</u></b>	<b><u>Nomenclature</u></b>	<b><u>NSN/Part #</u></b>	<b><u>Part Number</u></b>
M1022	2330-01-167-7262	PIN QUICK RELEA	5340-00-228-6361	MS17988C1630
M1022	2330-01-167-7262	CLAMP-LOOP	5340-00-286-9427	MS21919WDG12
M1022	2330-01-167-7262	CASTER, SWIVEL	5340-01-261-0099	4960205
M1022	2330-01-167-7262	CASTER,SWIVEL	5340-01-266-9777	7967016
M1022	2330-01-167-7262	CONNECTOR,ROD END	5340-01-268-3542	6300231
M1022	2330-01-167-7262	CLAMP, BRIDGE	5340-01-274-1072	6960635
M1022	2330-01-167-7262	PIN,QUICK RELEASE	5340-01-277-5076	MS17987C1045
M1022	2330-01-167-7262	STRAP,RETAINING	5340-01-280-6346	591358
M1022	2330-01-167-7262	STRAP,WEBBING	5340-01-280-6348	5961358
M1022	2330-01-167-7262	STRAP,WEBBING	5340-01-280-7152	5961355-1
M1022	2330-01-167-7262	STRAP,WEBBING	5340-01-283-6745	5961355-2
M1022	2330-01-167-7262	SPRING, HELICAL	5360-01-275-0545	2258S1033
M1022	2330-01-167-7262	BUSHING,RUBBER	5365-00-805-9421	401754
M1022	2330-01-167-7262	PLATE,SPACER	5365-01-268-3532	5300598
M1022	2330-01-167-7262	SPACER SLEEVE	5365-01-268-3549	4900033
M1022	2330-01-167-7262	SPACER,SLEEVE	5365-01-268-4735	5300670
M1022	2330-01-167-7262	SPACER,SLEEVE	5365-01-288-5126	5300636-1
M1022	2330-01-167-7262	COVER, ELECTRICAL CO	5935-01-176-1708	MS25043-22DA
M1022	2330-01-167-7262	CONNECTOR, PIPE	5940-01-285-7847	1031520
M1022	2330-01-167-7262	TAPE,INSULATION,EL	5970-00-087-2979	2626
M1022	2330-01-167-7262	DISTRIBUTION BOX	6110-01-268-4737	6960641
M1022	2330-01-167-7262	CABLE ASSY,ELECTRICA	6150-01-266-9775	6960624
M1022	2330-01-167-7262	WIRING HARNESS	6150-01-277-0088	5300400-002
M1022	2330-01-167-7262	WIRING HARNESS	6150-01-277-0089	5300401
M1022	2330-01-167-7262	REAR WIRING HARNESS	6150-01-277-5633	5961322
M1022	2330-01-167-7262	WIRING HARNESS	6150-01-277-5634	5961353
M1022	2330-01-167-7262	TAILLIGHT	6220-00-134-9098	MS52125-1
M1022	2330-01-167-7262	LAMP,INCANDESCENT	6240-00-143-3159	MS15570-89
M1022	2330-01-167-7262	LAMP,INCANDESCENT	6240-00-617-0991	MS35478-1073
M1022	2330-01-167-7262	BASE PLATE WELDMENT	6300246	6300246
M1022	2330-01-167-7262	HYDRAULIC CYLINDER	63300274	63300274
M1022	2330-01-167-7262	MARKER, IDENTIFICA	7690-01-268-4743	5300705
M1022	2330-01-167-7262	ADAPTER,FRONT	8960068	8960068
M1022	2330-01-167-7262	PLATFORM	8960089	8960089
M1022	2330-01-167-7262	GREASE AUTOMOTIVE	9150-00-190-0907	BRAYCOTE610

Table 7-12. Dolly Set, M-1022

<u>Model</u>	<u>System NSN</u>	<u>Nomenclature</u>	<u>NSN/Part #</u>	<u>Part Number</u>
M1022	2330-01-167-7262	HYDRAULIC FLUID	9150-00-252-6383	MIL-H-5606
M1022	2330-01-167-7262	GREASE AUTOMOTIVE	9150-01-197-7689	MIL-G-10924
M1022	2330-01-167-7262	WIRE, NONELECTRICAL	9505-00-555-8648	MS20995C47
M1022	2330-01-167-7262	REFLECTOR, INDICATING	9905-00-202-3639	MS35387-2
M1022	2330-01-167-7262	REFLECTOR, INDICATING.	9905-00-205-2795	MS35387-1
M1022	2330-01-167-7262	PLATE, INSTRUCTION	9905-01-266-9774	6960598
M1022	2330-01-167-7262	PIN, SAFETY	B3010A158	B3010A158
M1022	2330-01-167-7262	CONE AND ROLLERS	HM212049	HM212049
M1022	2330-01-167-7262	TOOL BOX, PORTABLE	MWO-SH005	MWO-SH005
M1022	2330-01-167-7262	BRAKE ASSY	RSA-1550-734	RSA-1550-734
M1022	2330-01-167-7262	BRAKE ASSY REAR	RSA-1550-735	RSA-1550-735
M1022	2330-01-167-7262	RESISTOR FIXED WIRE	VC10F-20	VC10F-20

## **CHAPTER 8. ASSEMBLY AND PACKING INSTRUCTIONS FOR FORWARD SURGICAL TEAM OPERATING TABLE**

---

### **8-1. DESCRIPTION OF TABLE, OPERATING, FIELD, NSN 6530-01-321-5592**

a. The field-operating table is a portable type that is quickly assembled and used for surgical procedures in the far forward operations. The table contains two adjustable, 100-watt halogen surgical lights.

b. There is no patient transfer required; patient remains on a litter that rests on the top of two rail assemblies.

c. The current cost for the unit is \$5,500.00. The Acquisition Advice Code (AAC) is an AAC-L item with LIN T00578. The field-operating table is manufactured by:

Arizona Industries For The Blind  
3013 W Lincoln Street  
Phoenix AZ 85009-5699  
Phone 602 269-5131 / FAX 602 269-9462

### **8-2. COMPONENTS OF THE OPERATING TABLE**

The components are easily detached as needed from the table. The table measures 53 inches in length, 26 inches wide and 25 to 33 inches working height when assembled. When unpacked from the container, the unit weight is 80 pounds. The table is capable of using all military litters.

Table 8-1. OR Table Component List  
The OR table is issued with the following items:

<u>QTY</u>	<u>ITEM DESCRIPTION</u>	<u>NSN</u>
2	Right corner leg assemblies	6530-01-455-7585
2	Left corner leg assemblies	6530-01-455-7387
8	Extrusion bars	6530-01-455-7634
4	Rail assemblies	6530-01-455-7638
2	Mesh shelf assemblies	6530-01-453-9076
1	Vinyl drain pad	6530-01453-7698
2	Litter rails	6530-01-455-7642
1	Bag frame	6530-01-455-7646
1	Weld tray assembly	6530-010455-7653
2	Clamp assemblies	6530-01-455-7657
1	Tray clamp assembly	6530-01-455-7907
1	Support posts	6530-01-455-7662
1	Tray post	6530-01-455-7685
1	Guide weldment	6530-01-455-7690
2	Armboard assemblies	6530-01-453-7696
1	Tray-stand assembly	6530-01-455-7692
1	Tray instrument	6530-00-793-9570
2	Arm assemblies	6530-01-455-7695
3	IV poles	6530-01-455-7860
2	Strap assemblies	6530-01-455-7865
2	Halogen Lamp assemblies (surgical lights)	6240-01-455-7873
2	Wrenches for adjustment of the surgical lights	5120-01-455-7901
3	Lights (spare bulbs)	6240-01-463-7057
1	Reusable container	6530-01-432-3173

### 8-3. ASSEMBLY INSTRUCTIONS FOR NSN 6530-01-321-5592

a. The 22-step instructions that follow this article are provided to assist in assembly, part identification, and repackaging of the table back into the reusable storage container. To prepare the table for assembly, complete the following:

1. Open the storage container and remove the top tray and center tray from the container.
2. Complete an inventory of the Operating Table components.
3. Remove all of the components from the storage container.
4. During the removal of the Operating Table components inspect each item for damage.
5. When removing the Surgical Light assemblies, use caution not to lay them where they could accidentally be knocked off and get damaged.

b. Be very careful when handling the Surgical Lights. If dropped, there is a possibility that the circuit board in the arm assembly may get damaged. See Figures 8-1 and 8-2.

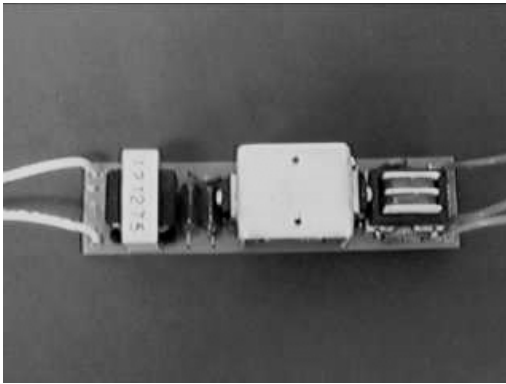


Figure 8-1. KT 101 Circuit Board Top View

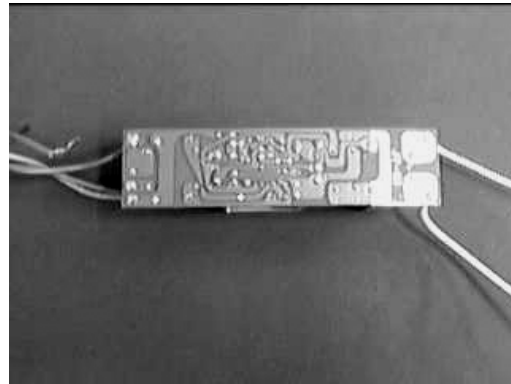


Figure 8-2. KT 101 Circuit Board Bottom View

c. To assemble and set up the operating table follow the instructions (a 22-step process) shown in Figure 8-3, Steps 1-22.

---

Figure 8-3. Operating Table Assembly

---



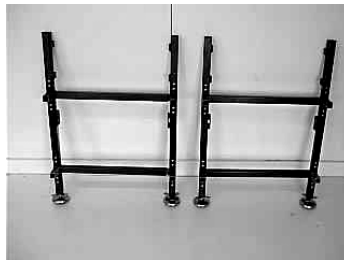
Step 1: Obtain the 4 OR table legs

---



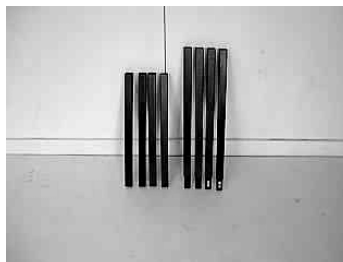
Step 2: Obtain 4 of the short connecting rails

---



Step 3: Attach the 4 short connecting rails to the end side of the table leg

---



Step 4: Obtain the 4 remaining short connecting rails and the 4 long connecting rails

---



---

Figure 8-3. Operating Table Assembly

---



Step 5: Connect the 4 long & 4 short connecting rails together, making 4 single long connecting rails

---



Step 6: Attach the lower mesh shelf to the lower connecting rails

---



Step 7: Attach the upper & lower connecting rails to the legs, one at a time

---



Step 8: Attach the connecting bars to the remaining legs and the lower mesh shelf.  
Velcro is on each end of the OR table

---

---

Figure 8-3. Operating Table Assembly

---



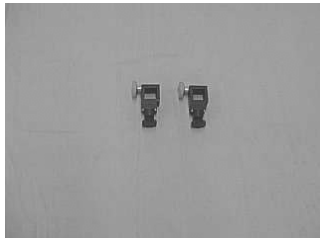
Step 9: Attach the drain pad to the upper connecting bars of the OR table

---



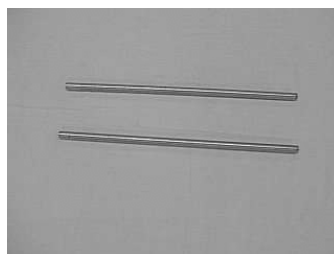
Step 10: Attach the stretcher rails to the OR table

---



Step 11: Attach the 2 clamps to the OR Table side-connecting bar

---



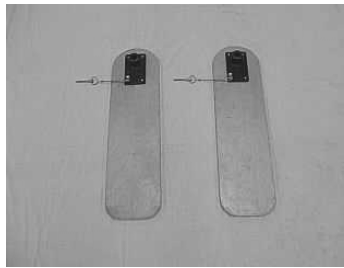
Step 12: Obtain the 2 silver support posts and place into the 2 clamps

---

---

Figure 8-3. Operating Table Assembly

---



Step 13: Obtain the arm board assemblies and place onto the support posts

---



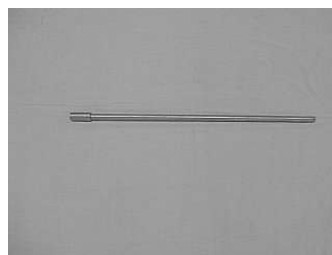
Upon completion of steps 11, 12, and 13, the OR table should appear as above

---



Step 14: Obtain the tray clamp assembly and attach to the OR table upper rail on the opposite end of the arm boards

---



Step 15: Obtain the tray post and insert into the clamps

---

---

Figure 8-3. Operating Table Assembly

---



Step 16: Obtain the tray-stand assembly and position onto the tray post

---



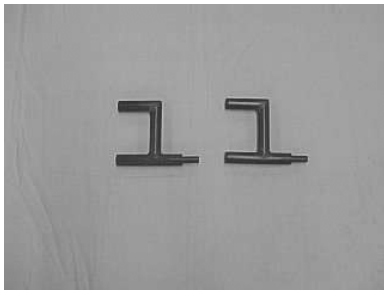
Step 17: Obtain the tray and place on top of the tray-stand assembly

---



The OR table should appear as above at this point of assembly

---



Step 18: Obtain the two arm assemblies and place into the end OR table upper legs

---

Figure 8-3. Operating Table Assembly



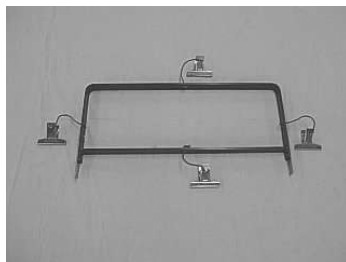
Step 19: Obtain the IV poles and insert into the arm assembly



Step 20: Obtain the surgical lights and insert into the arm assembly



At this point the OR table should appear as above



Step 21: Obtain the bag frame assembly and attach the end of the OR table

---

Figure 8-3. Operating Table Assembly

---



Step 22: Obtain the tray assembly and insert onto the OR table end

---



This completes the OR table set up. The OR Table should appear as above

---

## 8-5. COMPONENT DESCRIPTIONS

Figure 8-4 shows/describes the components that are listed in Table 8-1. The 23 images in Figure 8-4 provide NSN, as well as part numbers, etc.

---

Figure 8-4. Component Descriptions

---



IMAGE 1. Corner (R) Assembly  
2 each, Part Number 40212  
NSN 6530-01-455-7585



IMAGE 2. Corner (L) Assembly  
2 each, Part Number 40213  
NSN 6530-01-455-7387

---

Figure 8-4. Component Descriptions



IMAGE 3. 23.62 Extrusion  
8 each, Part Number 30373  
NSN6530-01-455-7634



IMAGE 4. Rail Assembly  
4 each, Part Number 40217  
NSN 6530-01-455-7638



IMAGE 5. Shelf  
2 each, Part Number 60157  
NSN 6530-01-453-9076

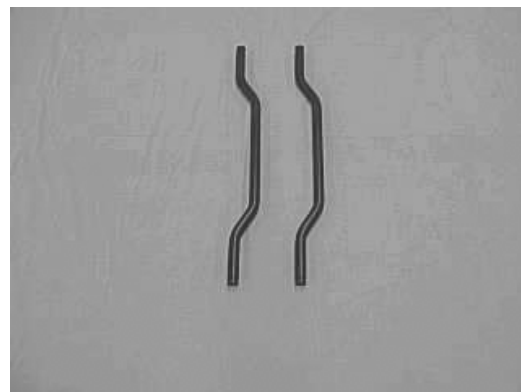


IMAGE 6. Rail Assembly  
2 each, Part Number 30381  
NSN 6530-01-455-7642

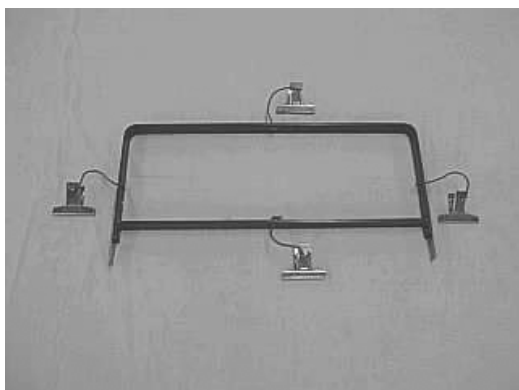


IMAGE 7. Bag Frame  
1 each, Part Number 30393  
NSN 6530-01-455-7646



IMAGE 8. Tray Assembly (weld)  
1 each, part Number 30392  
NSN 6530-01-455-7653

---

Figure 8-4. Component Descriptions

---



IMAGE 9. Clamp Assembly  
2 each, Part Number 40220  
NSN 6530-01-455-7657

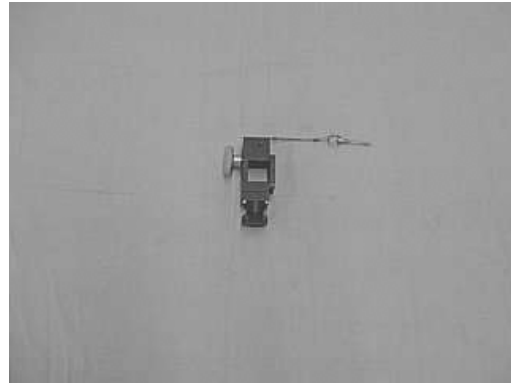


IMAGE 10. Tray Clamp Assembly  
1 each, Part Number 40221  
NSN 6530-01-455-7907

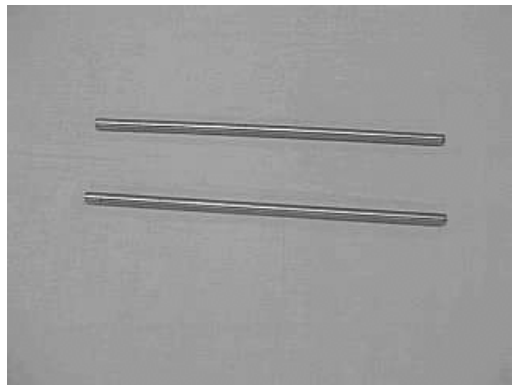


IMAGE 11. Support Post  
2 each, Part Number 30354  
NSN 6530-01-455-7662

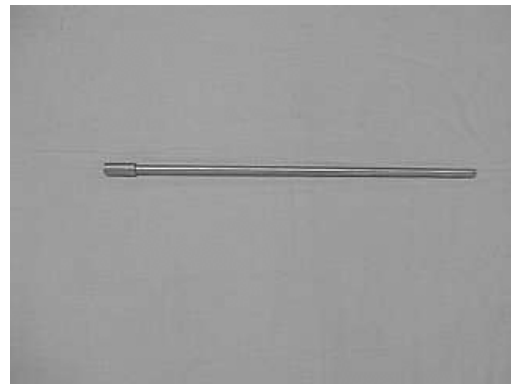


IMAGE 12. Tray Post  
1 each, Part Number 30391  
NSN 6530-01-455-7685



IMAGE 13. Guide Weldment  
1 each, Part Number 30388  
NSN 6530-01-455-7690

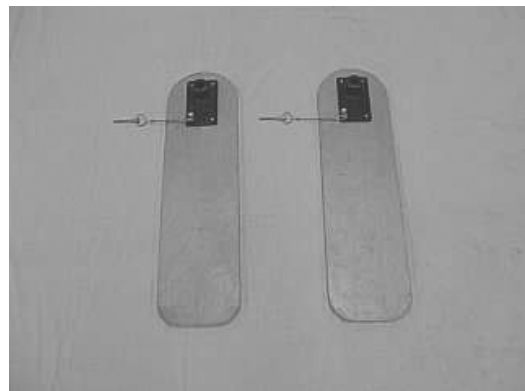


IMAGE 14. Armboard Assembly  
2 each, Part Number 40218  
NSN 6530-01-453-7696

---



Figure 8-4. Component Descriptions



IMAGE 15. Tray Stand Assembly  
1 each, Part Number 40219  
NSN 6530-01-455-7692



IMAGE 16. Tray Instrument  
1 each, Part Number 9570  
NSN 6530-00-793-9570



IMAGE 17. Arm Assembly  
2 each, Part Number 30379  
NSN 6530-01-455-7695



IMAGE 18. IV Pole  
3 each, Part Number 40222  
NSN 6530-01-455-7860

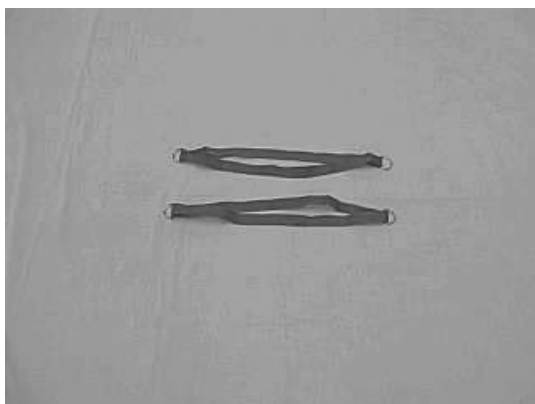


IMAGE 19. Strap  
2 each, Part Number 30394  
NSN 6530-01-455-7865



IMAGE 20. Halogen Lamps  
2 each, Part Number 64450AX  
NSN 6240-01-455-7873

---

Figure 8-4. Component Descriptions

---



IMAGE 21. Wrench  
2 each, Part Number 20404  
NSN 5120-01-455-7901



IMAGE 22. Lamp Bulb  
2 each, Part number 75W/12V-GY6.35  
NSN 6240-01-463-7057



IMAGE 23. Drain Pad  
1 each, Part Number 60167  
NSN 6530-01453-7698

---

**8-4. STORAGE CONTAINER, NSN 6530-01-432-3173**

a. When the table is disassembled, it stores into a reusable carrying container that weighs approximately 200 pounds when packed. Figures 8-4 thru Figure 8-7 illustrate the contents of each level (Top, Center and Bottom). Figure 8-8 shows the full view of the container assembly and the inserts as they should appear. The cost of the storage container is \$1098.00.

b. This custom-made storage container is for the storage of the operating table only.



Figure 8-4. Storage Container



Fig. 8-5. Top Tray



Fig. 8-6. Center Tray



Fig. 8-7. Bottom Base Cushion



Fig. 8-8. Full View Of Container Assembly And Inserts

The container has custom-made inserts to cushion the components and accessories of the operating table and should not be removed.

**NOTE**

(This custom-made storage container is for the storage of the operating table only).

### 8-5. DISASSEMBLY AND REPACKING INSTRUCTIONS FOR FIELD OPERATING TABLE (NSN 6530-01-321-5592)

a. To disassemble the operating table, reverse the order in which the table was assembled. Again, exercise care to ensure that fragile components are not damaged as the table is disassembled. Before inserting the components of the table back into the case, make sure that each component is thoroughly cleaned.

**Please note:** The case is manufactured with trays built directly into it; each having inserts for each component of the table. By replacing the components into the proper insert, each will be protected during transport.

b. As shown in Illustration 8-1, below, and on the following pages are the Illustrations 8-1 through 8-3 for each tray indicating exactly where each component is to be inserted so that maximum protection for each item is provided.

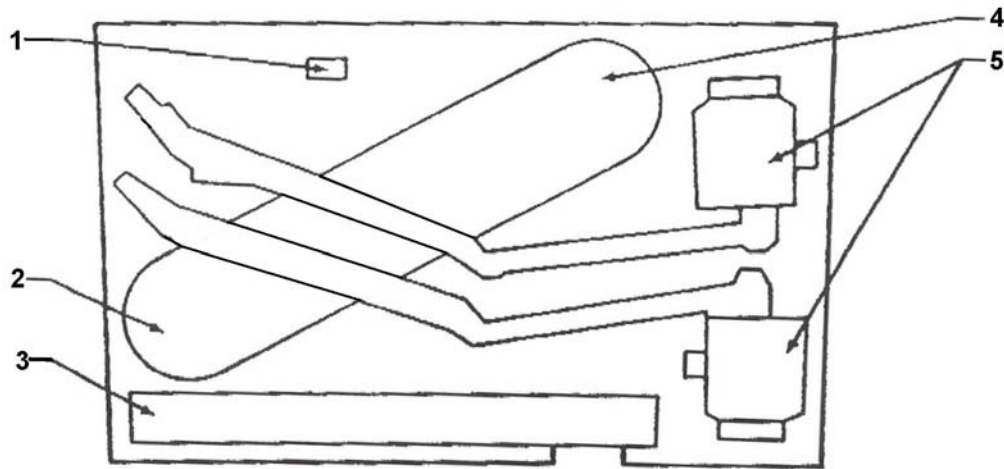


Illustration 8-1. Top Tray Layout

Item No.	Description
1	Bulbs
2 <sup>1</sup>	Shelf
3	Rail Assembly
4	Armboard Assembly
5	Lights (Reynolds Mach and Tool, Melrose, IL 60160)

<sup>1</sup>Note that item #2 is in the tray insert beneath item #4

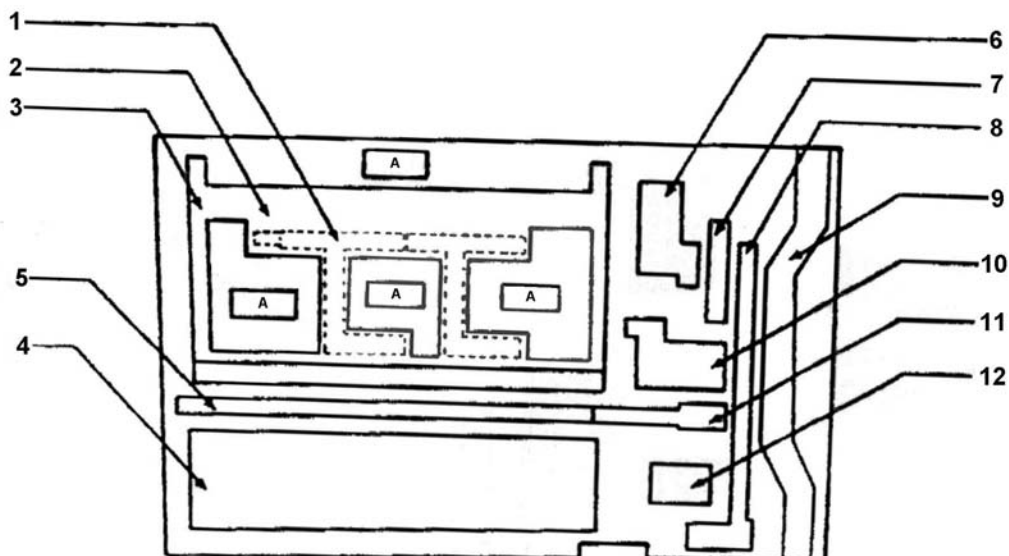


Illustration 8-2. Center Tray Layout

Item No.	Description
1	Arm Assembly
2	Tray Assembly
3	Bag Frame Assembly
4	20.62 Extrusion
5 <sup>1</sup>	Support Post
6	Clamp Assembly
7	Wrench
8	Guide Weldment
9	Rail
10	Clamp Assembly
11 <sup>1</sup>	Tray Post
12	Straps
A	A clamp fits into each insert marked with an "A"

<sup>1</sup>Note that items 5 and 11 fit into the same insert

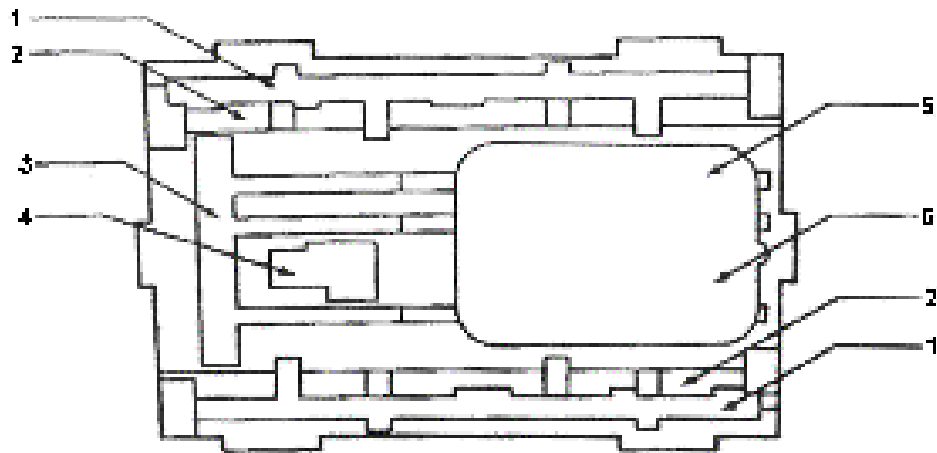


Illustration 8-3. Bottom Cushion Insert Layout

Item No.	Description
1	Corner Assembly, Right Side
2	Corner Assembly, Left side
3	I.V. Poles, 3 each
4	Tray Clamp Assembly
5	Tray Stand Assembly
6	Tray, NSN 6530-00-793-9570



## **CHAPTER 9. TACTICAL SHELTER SCISSORS JACK LOCATION FOR ALL MEDICAL MATERIEL SETS (MMS)**

---

### **9-1. USE OF ADDITIONAL SUPPORT TO THE TACTICAL ISO SHELTER**

During recent field visits, The USAMMA Fielding Team discovered that units are having trouble with water leaking through the roof seals of their tactical shelters. This occurs because the shelters are not truly squared but appear to be level. When the sides and roof are expanded, the roof seals must be inspected for the following items:

- proper fit,
- tears,
- dry rot, and
- paint.

All of these could allow water to enter through the seals. Additional support is provided to the shelter with scissors jacks when placed in the center of the shelter floor frame "I" beam. The jacks will help prevent floor vibration and provide stability.

### **9-2. ISO SCISSORS JACK(S) REQUIREMENT**

Each one-sided shelter should be issued one scissors jack and each two-sided shelter should be issued two scissors jack. If your unit requires additional scissors jacks, order them through normal supply channels.

### **9-3. PROPER PLACEMENT OF SCISSORS JACKS TO SUPPORT THE SHELTER**

- a. Raise the shelter a minimum of five inches off the ground and level.
- b. Place jack under the I-beam at the mid-span (Figure 9-1, Side View). The jack should be placed on a load spreader such as a 12 x 12 inch, ½-inch-thick piece of plywood.
- c. Raise the jack until it contacts the I beam and is firmly in place (meaning it cannot be moved by hand).
- d. Repeat this action on the other expandable side for a 3x1 shelter (Fig. 9-2, Top View). The jack may require adjustment once the shelter starts to settle.

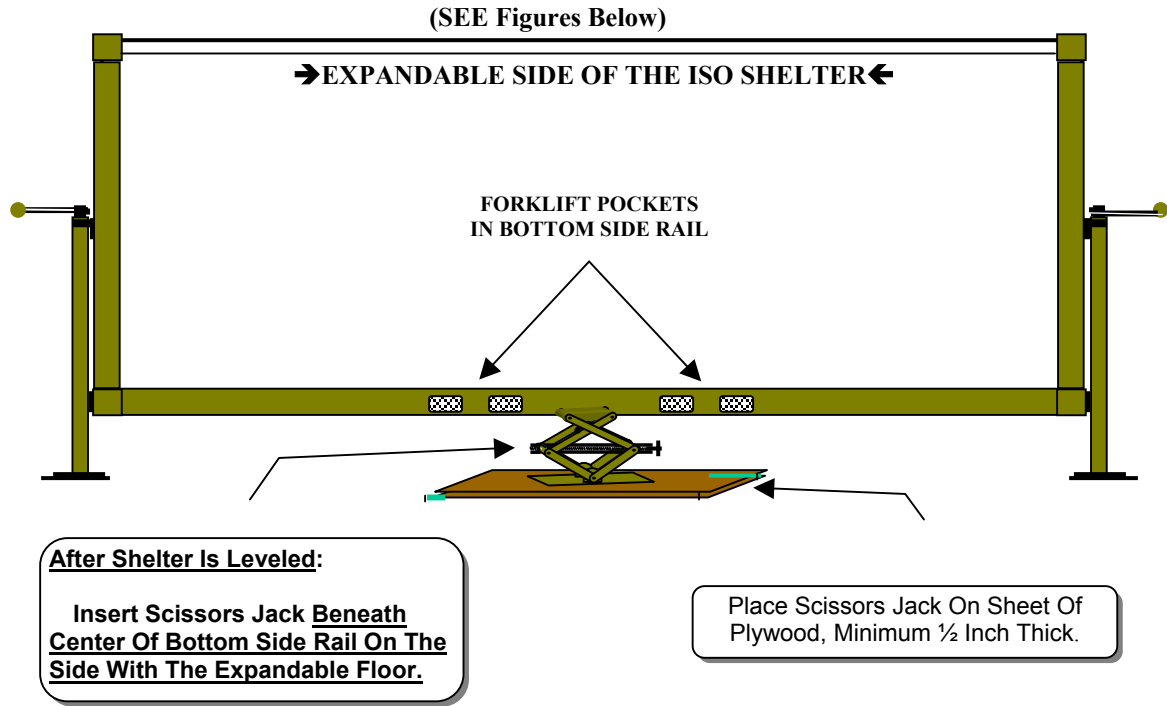


Fig. 9-1 Side View

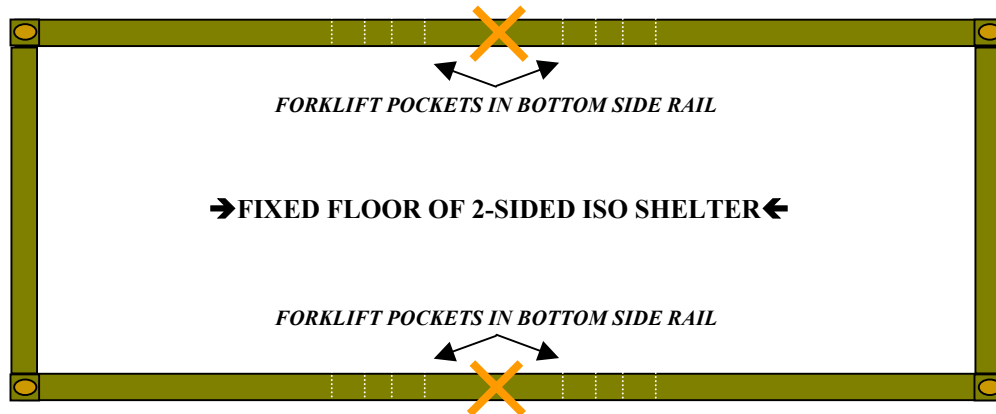


Fig. 9-2 Top View

On The Shelter With 2-Expandable Sides Place A Scissors Jack Under The Bottom Side Rail, Centered Beneath The Forklift Pockets, On Each Side Of The Shelter (See The "X" On The Illustration Above) Before The Sides Are Lowered For Expansion.

## **CHAPTER 10. THE ACQUISITION ADVICE CODES (AAC) W AND J**

---

### **10-1. ACQUISITION ADVICE CODE OF W & J AND HOW THEY ARE USED**

a. Acquisition Advice Codes (AAC) indicate how and under what restrictions an item is to be acquired. The AAC will reflect applications of three basic methods:

- (1) requisition;
- (2) by fabrication or assembly;
- (3) by local purchase.

See Department of Defense (DOD) 4100.32-M, Volume 10.

#### **b. AAC “W” AND “J” RELATIONSHIPS**

(1) NSNs and AAC “W” are assigned to generic end-items of equipment that are initially identified for use. This process provides a method to develop authorization documents, e.g., Modified Table of Equipment (MTOE) and UAs, and for procurement planning (development of essential characteristics). **On-hand stocks should never be recorded against AAC “W” NSNs.**

(2) As manufacturers are identified, contracts awarded, and items developed, each item is assigned a new NSN with AAC “J.” Data plates and container markings reflect the specific NSN for that manufacturer.

(3) DOD Army Logistics Systems/Publications further identify AAC “W/J” relationships through the use of Phrase Codes “3” and “S”:

The Phrase Code “3” is assigned to the actual item manufactured (AAC “J”);

The Phrase Code “S” is assigned to the generic NSN (AAC “W”).

(4) AR 40-61, paragraph 3-63, provides additional requisitioning instructions and information on provisioned medical equipment. Regular updates to SB 700-20 and the AMDF reflect specific and current items of production data (AAC “J”) as authorized substitutes for the generic end-item (AAC “W”) reflected on the requisitioner’s authorization document.

<u><b>CODE</b></u>	<u><b>TERM AND EXPLANATION</b></u>
<b>W</b>	<b>RESTRICTED REQUISITIONING – SPECIAL INSTRUCTIONS APPLY NON-STOCKED ITEM.</b>

c. AAC J is Integrated Materiel Manager (IMM)/Service centrally managed but not a stocked item. Procurement will be initiated only after receipt of a requisition.

<u><b>CODE</b></u>	<u><b>TERM AND EXPLANATION</b></u>
<b>J</b>	<b>NOT STOCKED, CENTRALLY PROCURED NON-STOCKED ITEMS.</b>

(5) AAC “W&J” listings are available via the Internet in the Medical Services Information Logistics System (MEDSILS) database, located and accessible via using the address:

**[http://www.armymedicine.army.mil/usamma/medical/qbca\\_medsils/index.htm](http://www.armymedicine.army.mil/usamma/medical/qbca_medsils/index.htm).**

f. For additional information on AAC “W” and “J” relationships, please contact USAMMA, ATTN: MCMR-MMO-SD, DSN 343-4308/301-619-4308.

## **10-2. AAC RESOURCE AVAILABLE**

The *Defense Logistics Support Command Defense Logistics Agency, Customer Assistance Handbook* is an excellent source of information and explanation of the supply codes. To obtain a copy, use one of the following methods:

Toll free 1-877-DLA-CALL

WEB Sites: DLA - <http://www.dla.mil>  
DLSC - <http://www.supply.dla.mil>

## CHAPTER 11. ISO AND MILVAN IDENTIFICATION MARKINGS

### 11-1. CONTAINERS REQUIRE THE PROPER MARKINGS PRIOR TO RECERTIFICATION

a. Medical Units that are issued the tactical ISO Shelters and MILVANs are required to have them properly marked in accordance with the Department Of Defense Regulation (DOD Reg) DOD 4500.9-R-1, *Management and Control of the DOD Intermodal Container System*, Volume 1, Chapter 4 (*Coding And Marking*), pg 4-2, para.2.c., ISO Number.

b. If the containers in your unit are not marked in accordance with (IAW) the above DOD Reg, or if the ISO shelters are missing the ownership code, the containers cannot pass the International CSC recertification inspection.

c. If the ownership code is missing or the unit requires information to properly mark the containers or obtain the ownership codes, this information can be provided by contacting the USAMMA Customer Assistance Office, Fort Detrick, MD, at DSN 343-4465 or 301-619-4465

d. Figures 11-1, 11-2, and 11-3 (below) are photos of a shelter that is marked improperly and will not pass the recertification inspection for the following reasons.

1. USAU Ownership Code has only six numbers and requires seven Figs. 11-1 thru 11-3.
2. Serial number stenciled over personnel left door is the wrong size 1-inch (Fig. 11-1).
3. USAU Ownership codes placed horizontal and should be vertical on the ISO Shelter (Figs. 11-1, 11-2, and 11-3).

11-1, 11-2, and 11-3).

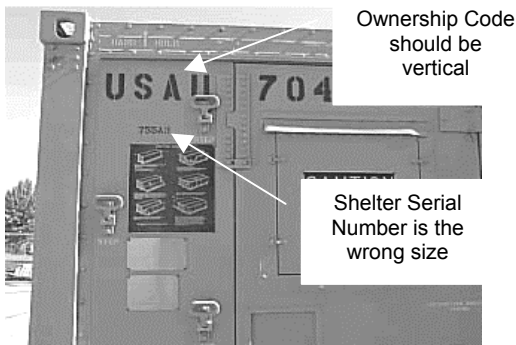


Fig. 11-1

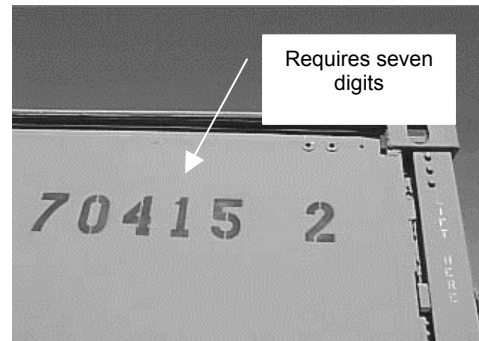


Fig. 11-2

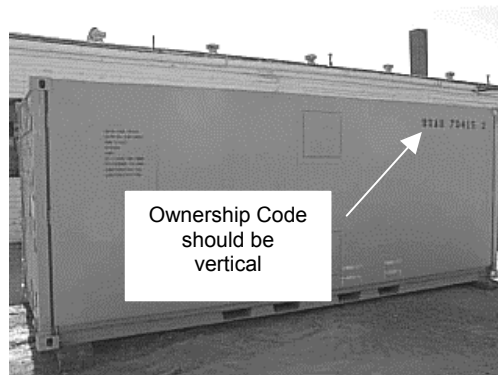


Fig. 11-3

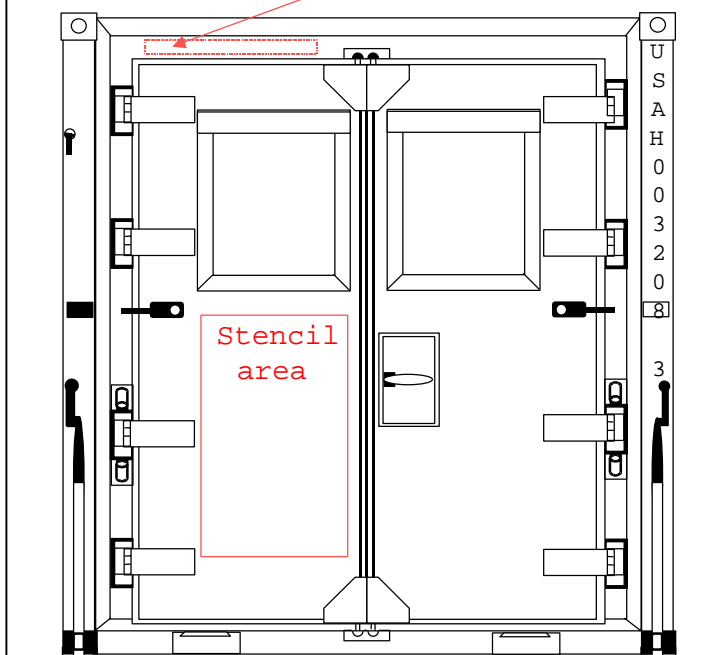
**EXAMPLE OF STENCIL MARKING**

<u>Marking information and sequence</u>	<u>Example of the marking:</u> 1. Use contrast color stencil ink: Black/White. 2. Letters are 1" in height 3. Side of stencil should be perpendicular. 4. Place stencil on all four sides as indicated.	
HOSPITAL ID# DOCUMENT NUMBER NSN NOMENCLATURE LIN UA BDN/AIN CAN PROJECT CODE MAX GW TARE WT CUBE UA/LIN/QTY	RCD001 W25MKY-1196301 5AXX 6545 01 247 6590 MMS PHARMACY M73118 A306 B420-1 DPHA-3079 IJN 9565 LBS      4338 KG 4500 LBS      2408 KG 1,280 CU FT    36 CU MTR A306/SO129/1EA	
<u>ISO Serial Number:</u> 1. Same as on data plate 2. Use white stencil ink 3. Letters & Numbers are 2" in height 4. Mark as shown in illustrations	<u>Ownership Code, Serial Number, Check Digit</u> 1. Use white stencil ink 2. Letters are 4" in height 3. Number placed on 4 sides and top as illustrated	
1218B3	<u>Side Marking</u> U S A H 0 0 3 2 0 8  3	<u>Top Marking</u>  USAH003208 3

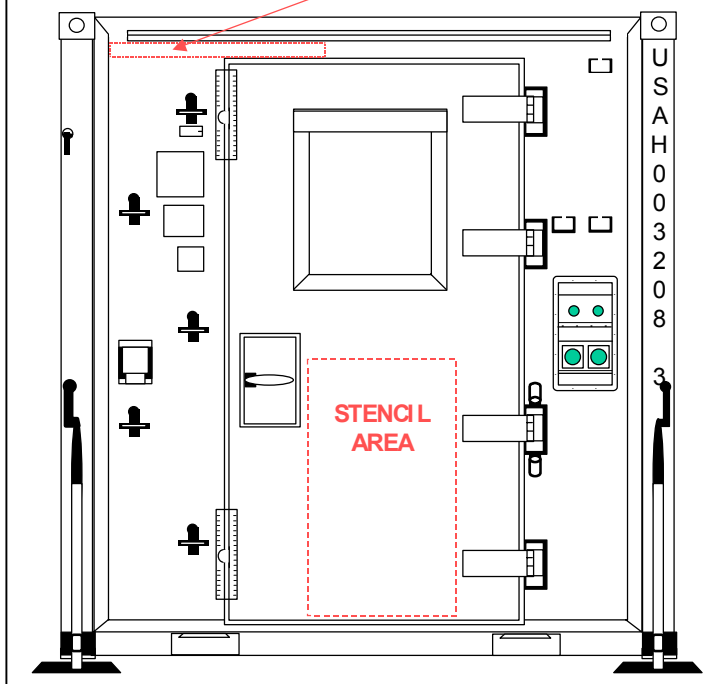
**INSTRUCTIONS**

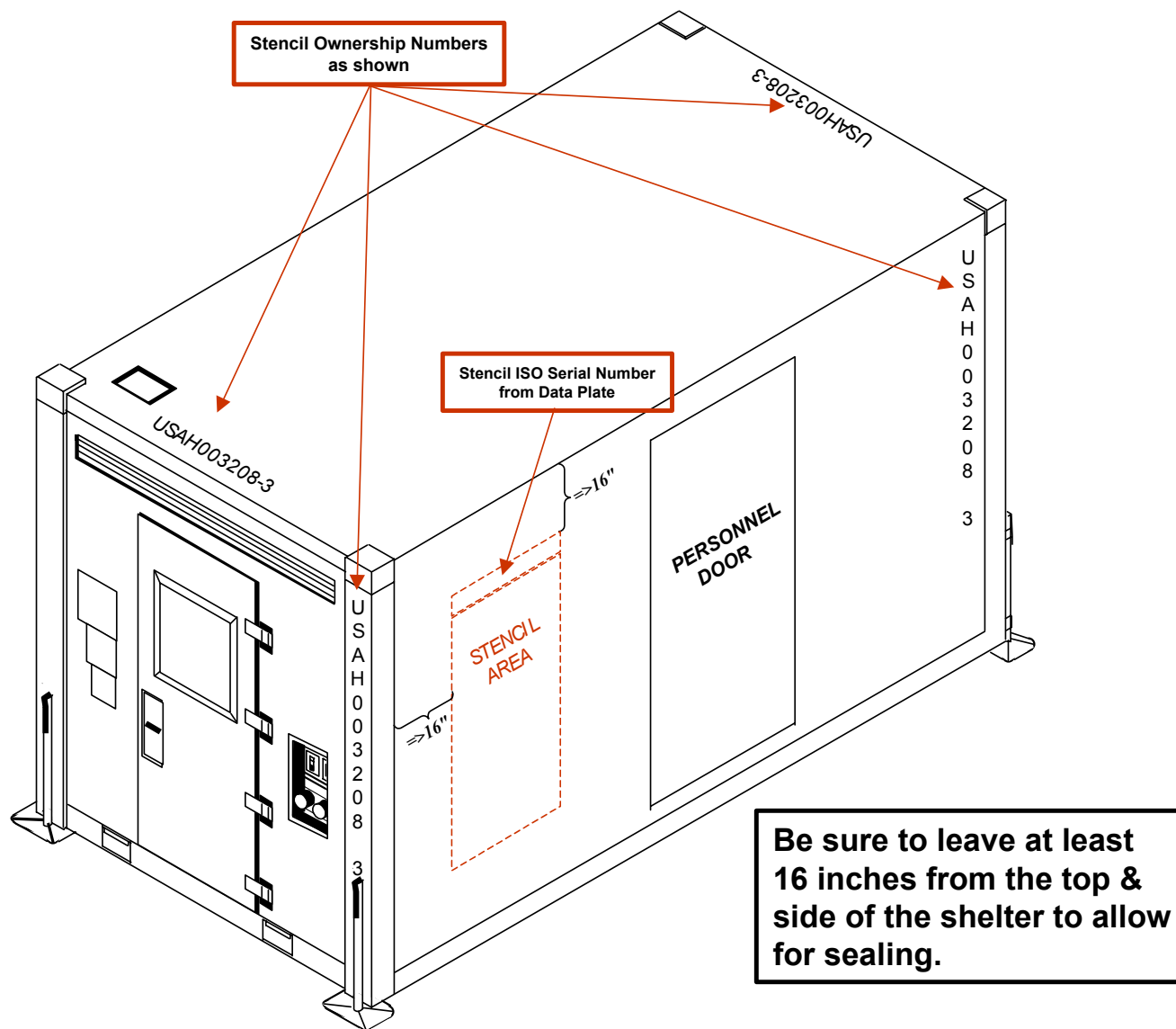
Stencil will begin with (MMS SURGERY - example)  
at a point 5" below the vent door frame and  
8" right of the left edge of the roadside cargo end-door

Stencil ISO Serial Number from data plate

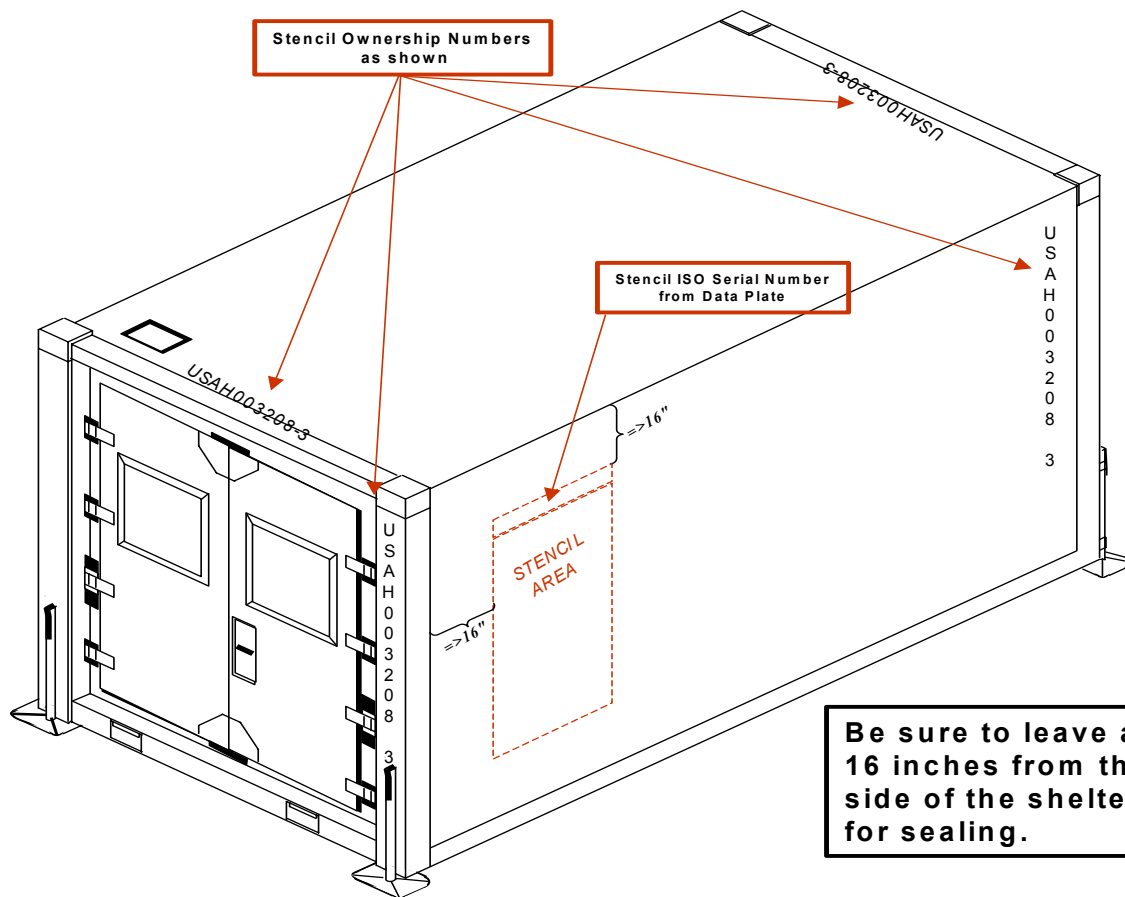


Stencil ISO Serial Number from data plate









**Be sure to leave at least 16 inches from the top & side of the shelter to allow for sealing.**

**NOTE 4**

The NSN for the white ink is  
**NSN: 7510-00-419-9564,**  
**Ink, Marking Stencil**  
**(White spray can aerosol)**

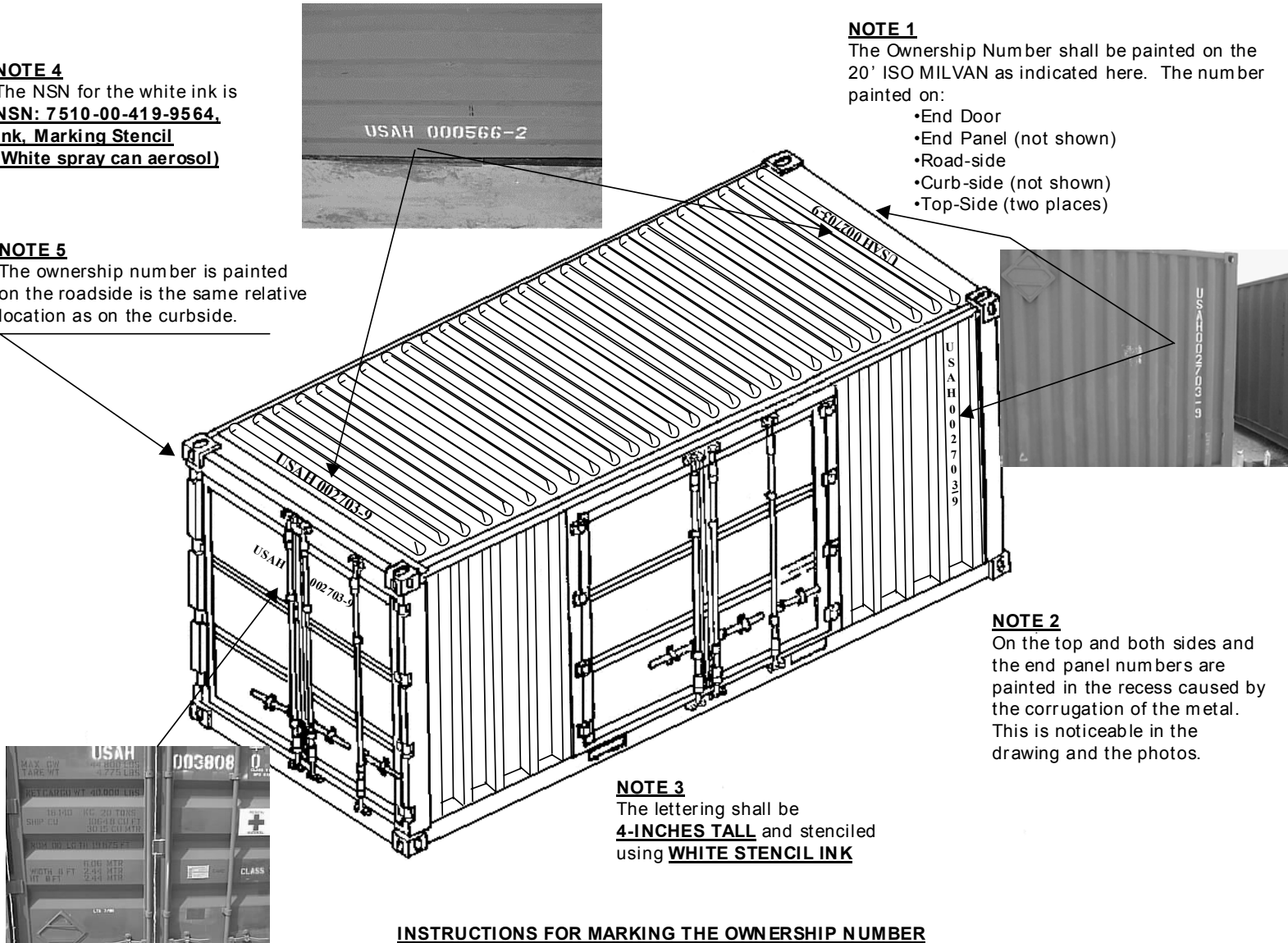
**NOTE 5**

The ownership number is painted on the roadside is the same relative location as on the curbside.

**NOTE 1**

The Ownership Number shall be painted on the 20' ISO MILVAN as indicated here. The number painted on:

- End Door
- End Panel (not shown)
- Road-side
- Curb-side (not shown)
- Top-Side (two places)

**NOTE 2**

On the top and both sides and the end panel numbers are painted in the recess caused by the corrugation of the metal. This is noticeable in the drawing and the photos.

**NOTE 3**

The lettering shall be  
**4-INCHES TALL** and stenciled  
 using **WHITE STENCIL INK**

**INSTRUCTIONS FOR MARKING THE OWNERSHIP NUMBER  
 ON THE 20' ISO MILVAN**



16705/CSC

APR 11 2000

From: Commandant (G-MSO)

To: Commander, U.S. Army Medical Material Agency (MCMR-MMR-M-700)

Subj: REQUEST FOR WAIVER OF MARKINGS ON THE DEPLOYABLE MEDICAL  
SYSTEMS (DEPMEDS) ISO TACTICAL SHELTERS

Ref: (a) Army Medical Materiel Agency ltr MCMR-MMR-M (700) dtd 06 APR 2000

1. This is in response to reference (a), approving your request to mark the referenced DEPMEDS ISO tactical shelters with one inch lettering instead of two inch lettering for identification as required by ISO Standards 6346, clause 7.2.1. This approval shall not be considered a waiver of the standard, but an allowance of the standard, as clause 4.2.1 (Mandatory identification marks) of series 6346 states, "The characteristics (size, shape, layout, etc.) detailed in 7.1 and 7.2.1 shall be displayed as nearly as may be practicable in accordance with clause 7, i.e. capable of being read by the human eye." One inch lettering can be read by the human eye, and is acceptable to meet the minimum requirements of the standard for markings in accordance with CSC certification. Additionally, the ownership code, serial numbers, and check digits will be in accordance with clause 7.1.

2. If you have any further questions on this matter please contact Mr. Bob Gauvin of my staff at (202) 267-1053.

A handwritten signature in black ink, appearing to read "M. A. Prescott".

M. A. PRESCOTT

Commander, U. S. Coast Guard  
Chief, Vessel and Facility  
Operating Standards Division  
By direction of the Commandant

Copy: Commandant (G-MOC-3)  
Supervisor, CITAT

## CHAPTER 12. OPERATING TABLE TRANSPORT RESTRAINT SYSTEM MODEL 2080M SURGICAL TABLES

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This Chapter provides an overview (with a 10-step visual process) on the guidance for the installation of the Model 2080M surgical tables and the Transport Restraint System to be installed into the Medical Materiel Set (MMS) M-301, Operating Room, Two-Sided, Expandable, Tactical Shelters

### Installation of the Model 2080M surgical tables and the Transport Restraint System

#### Step 1: Base Placement (See Fig. 12-1)

- a. Place OR table transport restraint bottom plate in the center of the shelter floor.
- b. Orient plate so that the three holes in the plate are on your right when viewed from the cargo door.
- c. Secure plate to floor by installing 5 tiedown rings through the holes in the plate to the shelter floor.

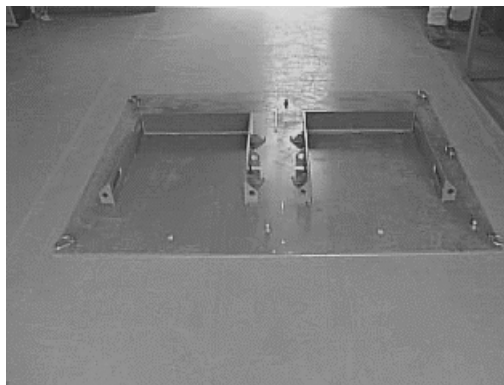


Fig. 12-1

#### Step 2: Prepare OR Table for storage in restraint system. (See Fig. 12-2)

Raise table to its maximum height, and then level tabletop using the appropriate controls.

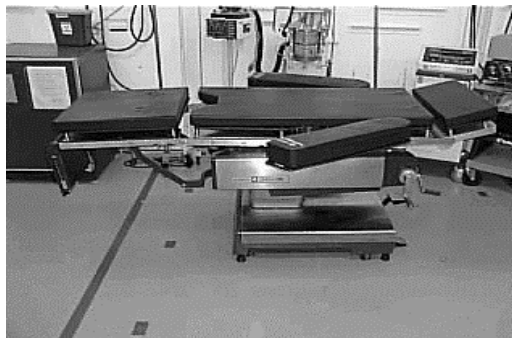


Fig. 12-2

**Step 3: Preparation of table cont. (See Fig. 12-3).**

- a. Remove head/foot x-ray assembly from table and secure pad directly to table head/foot section.
- b. Unlock and fold down the head section of the table.
- d. Unlock and fold under the head/foot section of table.

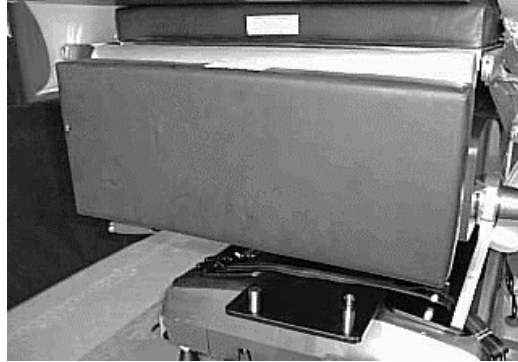


Fig. 12-3

**Step 4: Placement of table in restraint system**

- a. Remove arm supports and set aside for later storage.
- b. Using appropriate control, crank seat assembly completely down as shown in Fig. 12-4.
- c. Roll table into position on the floor plate and lock into position using the tablelock. Engage tablelock by depressing footpedal (Fig. 12-4).

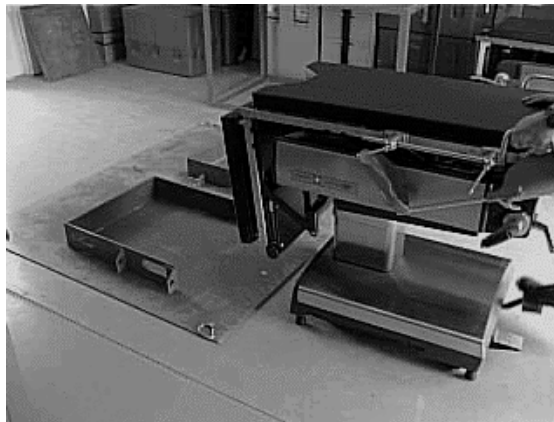


Fig. 12-4

**Step 5: Secure Table in Restraint Position**

Secure table in restraint system using the red ratchet tie-down strap as shown in Fig.12-5.

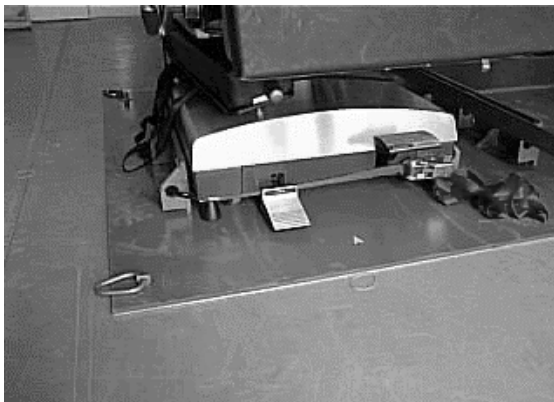


Fig. 12-5

**Step 6.1: Secure accessories**

(Note that the straps are crisscrossed)

- a. Power tabletop to lowest position by depressing appropriate footpedal on table.
- b. After removing pads, place arm supports and head/foot x-ray assembly on table base plate; place manuals and literature (not shown) securely, using two tie-down straps as shown in Fig. 12-6.



Fig. 12-6

**Step 6.2: Secure Accessories (cont.)**

- a. Remove x-ray top assemblies from back, seat, and leg sections and then place padding directly on tabletop.
- b. Place Image Amplification (IA) board on the table upside down with the support leg facing up.
- c. Place X-ray top assemblies (back, seat, and leg) on top of the IA board. See Fig. 12-7.

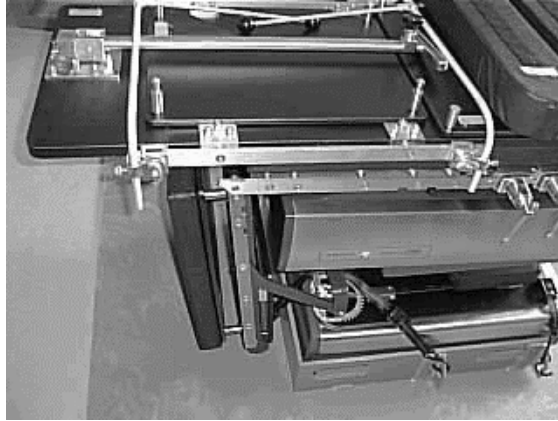


Fig. 12-7

**Step 6.3: Secure Accessories (cont.)**

Secure x-ray assemblies to table with the supplied bungee cords.  
Slide two locks onto the rear side rail (attached to the IA board) over the foot section.  
Place and lock down the universal anesthesia screen.

Note: Table should now look as shown in Fig. 12-8.

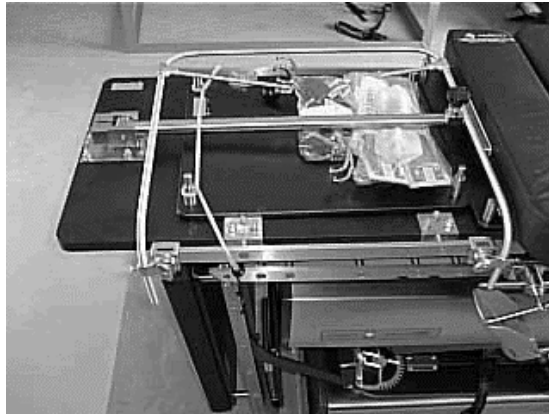


Fig. 12-8

**Step 6.4: Secure Accessories (cont.)**

- a. Slide one pair of Clark sockets onto both table siderails.
- b. Install Lithotomy Legholders into each pair of Clark sockets.
- c. Hand tighten all Clark sockets enough so legholders do not move.

Note: Table should look like Fig. 12-9.

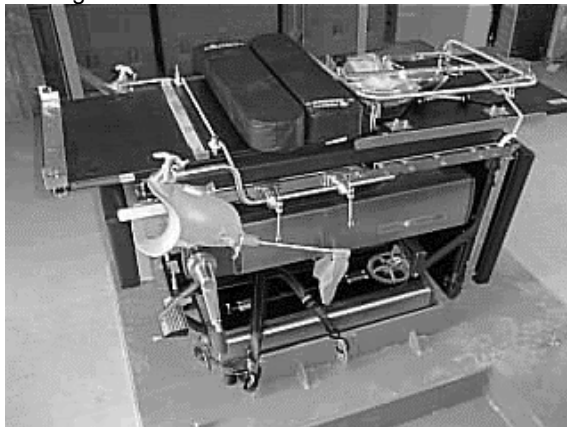


Fig. 12-9

**Step 7: Posture Selector Handle Storage**

Fold posture-selector handle into the DOWN position. See Fig. 12-10

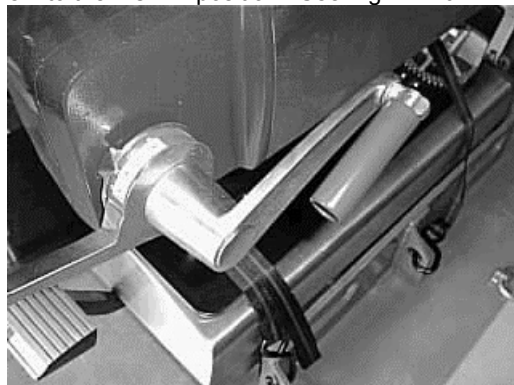


Fig. 12-10

**Step 8: Trendelenburg and Kidney elevator Handle Storage**

Fold both Trendelenburg and Kidney elevator handles into the DOWN position. See Fig. 12-11

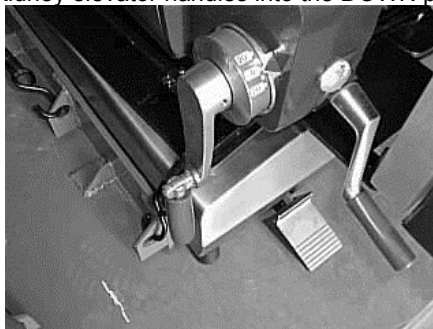


Fig. 12-11



**Step 9: Table Cover Installation (REQUIRES TWO PERSONNEL)**

Lift table-transport cover into position. The cover must be lowered at the footend of the table and raised at the head end. See Fig. 12-12

Note: The cover cannot be lower straight down over the table and into position.



Fig. 12-12

**Step 10: IA Padding Storage.**

After the transport cover is in place, the IA pad can be stored with the Velcro to the inside as shown in Fig. 12-13.

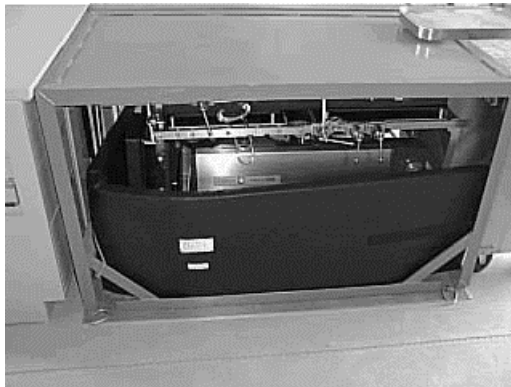


Fig. 12-13

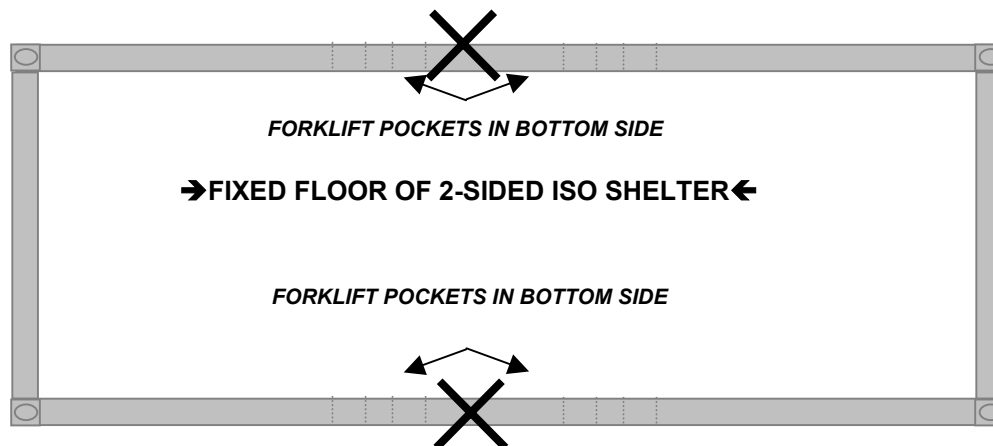
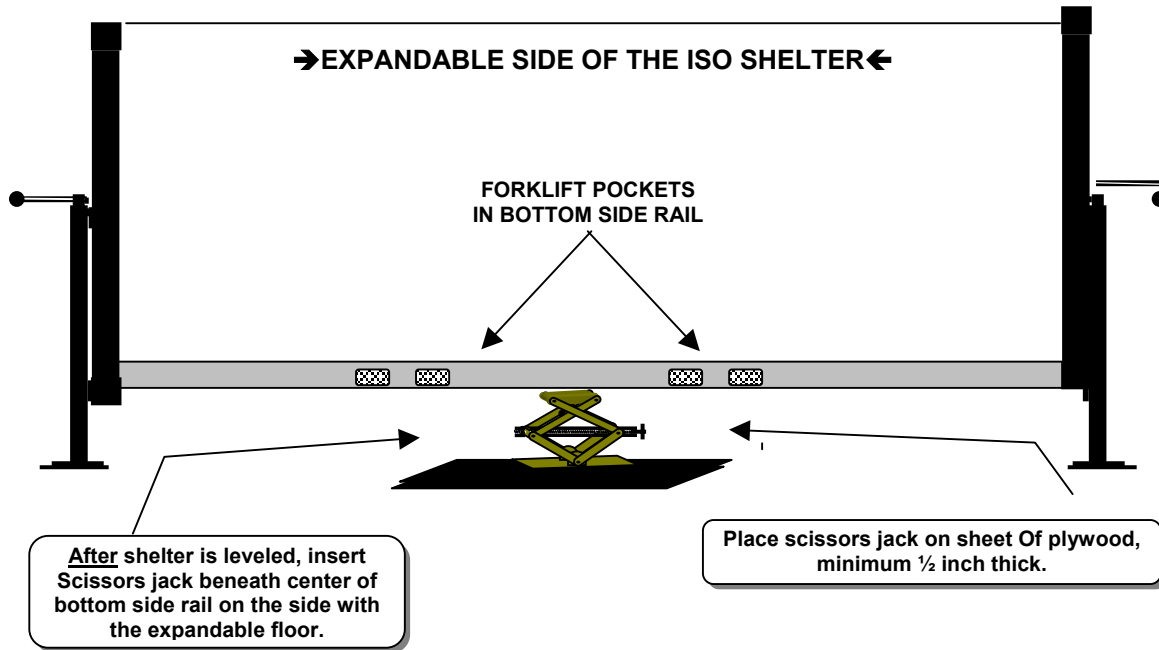
**CRITICAL NOTES FOR THIS INSTALLATION ARE:**

(NOTE WHEN THE ISO SHELTER AND OVERFLOW MILVAN ARE UNPACKED, REMOVE THE OPERATING TABLE TRANSPORT RESTRAINT SYSTEM FROM THE ISO SHELTER AND STORE THE SYSTEM IN THE OVERFLOW MILVAN FOR SAFE KEEPING AS WELL AS FOR PROTECTION FROM DAMAGE AND FOR FUTURE USE).

**EXTREME CAUTION IS ADVISED:**

**BEFORE** THE TABLE IS ROLLED ON TO THE EXPANDABLE FLOOR AND BECAUSE OF THE WEIGHT OF THE ***OPERATING TABLE*** [NSN 6530-01-459-1326 (W) / 6530-01-353-9883 (J)] IT IS IMPORTANT THAT THE ISO SHELTER BE PROPERLY ERECTED AND BRACED.

UNIT PERSONNEL SHOULD ENSURE THAT SCISSORS JACKS ARE PROPERLY POSITIONED AND INSTALLED IN ORDER TO BEST SUPPORT THE ADDITIONAL WEIGHT. SEE ILLUSTRATION BELOW.



ON THE SHELTER WITH 2-EXPANDABLE SIDES PLACE A SCISSORS JACK UNDER THE BOTTOM SIDE RAIL, CENTERED BENEATH THE FORKLIFT POCKETS, ON EACH SIDE OF THE SHELTER (SEE THE "X" ON THE ILLUSTRATION ABOVE) BEFORE THE SIDES ARE LOWERED FOR EXPANSION.

## CHAPTER 13. COMPLETE DAMAGE INSPECTION REQUIRED WHEN HOSPITAL TACTICAL SHELTERS AND MILVANS ARE MOVED

### 13-1. MOVING A CONTAINER ISO SHELTER OR MILVAN

Whenever a container ISO shelter or MILVAN is moved (whether its 10 feet or 10 miles), and after the container is placed into position, it must be inspected. The exterior of the container must be inspected for damage from the mover vehicle.

- The forklift channels are inspected for damage.
- The roof panel must also be inspected for damage from the mover vehicle.

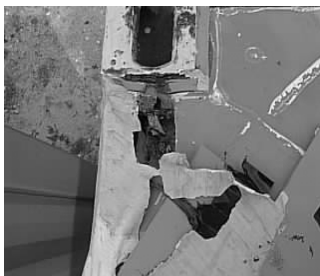
Failure to inspect the roof panel each time the container is moved is the worst cause for loss and water damage to medical equipment. Finding a hole punched into the top of the container and discovering that water has run in on the equipment months after the fact, is too late to do repair/remedy anything.

### 13-2. WHAT TO DO IF DAMAGE AND HOLES ARE FOUND

a. First, try and protect the damaged area by applying tape; sometimes the hole can be filled with silicone. You must make a temporary repair to the container to protect the contents inside.

b. Then, make a note of the damage and write down the container Ownership code number (USAH00). Have this container moved to an area for repairs.

c. Write the damage report(s) on a DA Form 2404 (*Equipment Inspection and Maintenance Worksheet*) and a DA Form 2407 (*Maintenance Work Request*). Submit the DA Form 2407 to the Support Maintenance Unit that supports your area.



Hole caused by Rough Terrain Cargo Handler (RTCH) a metal patch was cut and silicone/riveted over the damaged area



Upper ISO seal torn



Hole caused By RTCH



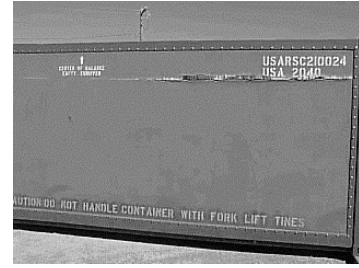
Hole caused by the RTCH



Broken hasp for the lock



Hole in side of ISO



Large tear in fiberglass

d. Below the locking bar mounting brackets are broken and missing this type deficiencies will be cause for the MILVAN to fail the CSC inspection, if this type of deficiencies are found, they can be repaired by contacting the USAMMA depot manager for replacement brackets and inserts from the depot. The unit personnel will complete a DA Form 2407 and submit it to the Support Maintenance Unit requesting the brackets be welded back on the container,

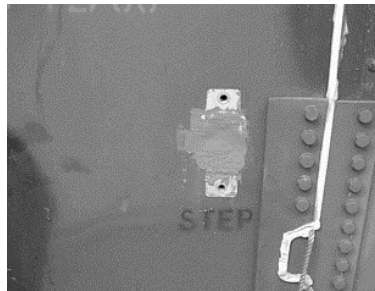
A note of CAUTION: Extreme care must be taken when welding the brackets back on the MILVAN. The severe heat from the welding torch can damage the door seals. To protect the rubber seal, place a heavy gauge steel plate near the point-of-weld area where the bracket will be reinstalled.



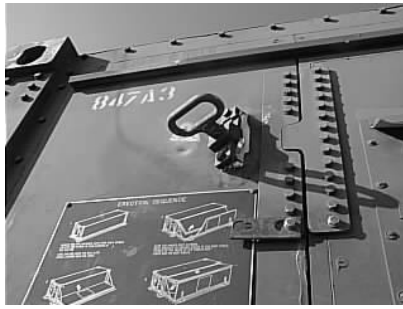
Mounting bracket missing



Mounting bracket broken and missing



The step was left down and hit by RTCH and this caused the damage. A repair was made by using an epoxy repair kit and the step was reinstalled on the Shelter.



Step was left down hit by RTCH and caused major damage to this Shelter

e. The damage to the above containers can be repaired. The Unit personnel must read the maintenance allocation chart for the following:

**TM 55-8115-204-23&P**, Technical Manual Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List for the MILVAN, General Cargo Container NSN 8115-01-241-7524).

**TM 10-5411-201-14**, Operator, Organizational, Direct Support, and General Support Maintenance for the Shelter, Tactical, Expandable, One-Sided.

**TM 10-5411-200-14**, Operator, Organizational, Direct Support, and General Support Maintenance for the Shelter, Tactical, Expandable, Two-Sided.

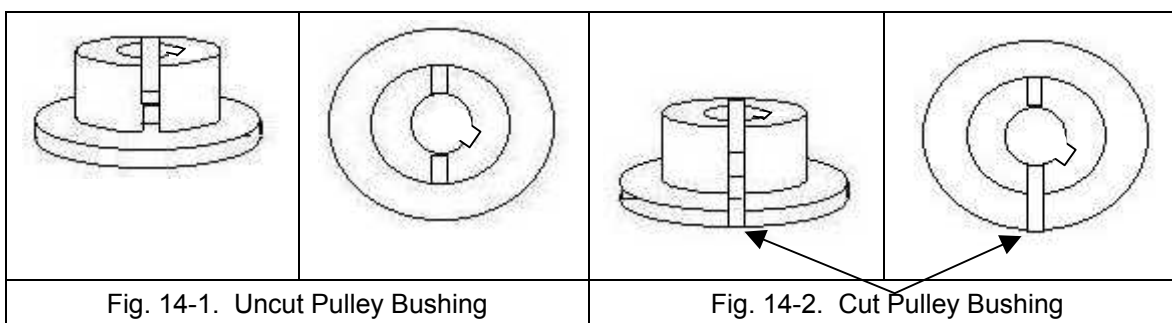
f. The above TMs contain the repair procedures and the PMCS that are required to keep the containers in a readiness condition for deployment.

g. Failure to complete repairs to the containers soon after the damage is discovered only leads to more deterioration of the damaged area and the container's contents.

## CHAPTER 14. AIR CONDITIONER PULLEY/ BUSHING PROBLEMS

### 14. FAN PULLEYS ON THE AIR CONDITIONER UNITS PRESENT PROBLEMS

- a. One problem with the air conditioners has occurred which can be resolved by initiation of monthly preventive maintenance checks.
- b. The problem is that the evaporator fan pulleys become loose on the blower fan shaft. The blower assembly has an adjustable pitch sheave on the motor and a large (low speed) and a small (high speed) sheave on the blower shaft. The large sheave is the inner sheave and is held to the shaft by a tapered bushing. The smaller sheave is located on the outside and is held to the shaft by another tapered bushing. Each bushing has a separate set of Allen screws to tighten the bushing and clamp its sheave to the shaft. Once both sheaves are in place, the inner sheave cannot be reached, and the Allen screws holding it tend to become loose with lengthy use.
- c. The outer sheave (small) must be removed to tighten the inner sheave to approximately 25 inch pounds. Once the units started checking and tightening the inner sheave on a monthly basis, they did not encounter future problems with the units (see attached sheets).
- d. USAMMA Data Collection reports that some units have experienced problems with the fan shaft bushing which comes with the Modification Work Order (MWO) kit for the Air Conditioner/Heater (ECU). In one particular instance, the unit air conditioner repair section determined that the Bushing, Shaft (PN121402, NSN 5365-01-305-7009), would not tighten enough to preclude slipping on the fan shaft. A loose bushing can cause the inside sleeve to wear out of round, and also damage the fan shaft.
- e. Several years ago the ECU Equipment Manager, with the U.S. Army Aviation and Troop Command, approved a modification which will correct this problem. Using a hacksaw, cut the bushing completely through on one side, connecting with the factory cut (see Fig. 14-1 and Fig. 14-2). This modification will enable the bushing to tighten down further on the shaft.



## TM 9-4120-398-24P

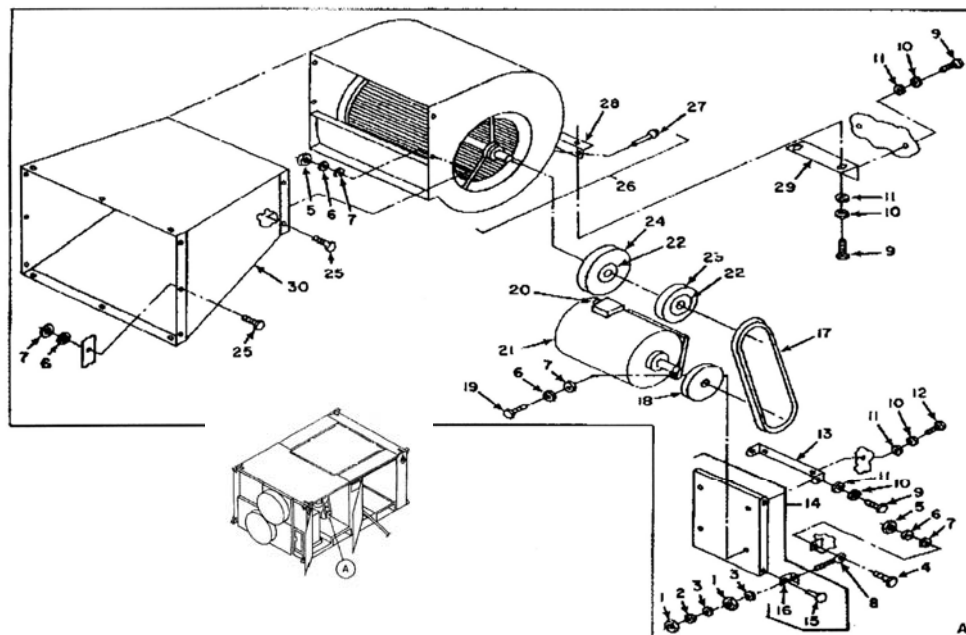


Fig. 14-3. Evaporator Blower and Plenum Installation

GROUP 05  
EVAPORATOR  
BLOWER  
MOTOR AND HEATERS

FIG. 16  
EVAPORATOR  
BLOWER  
&  
PLENUM  
INSTALLATION

Item No.	SMR Code	CAGE CODE	P/N	Description	Qty
1	PBOZZ	96906	MS50967-8	NUT, PLAIN, HEXAGON	2
2	PBOZZ	96906	MS35338-46	WASHER, LOCK	1
3	PBOZZ	96906	MS27183-14	WASHER, FLAT	2
4	PBOZZ	96906	MS90728-12	SCREW, CAP, HEXAGON H	1
5	PBOZZ	96906	MS51967-2	NUT, PLAIN, HEXAGON	8
6	PBOZZ	96906	MA35338-44	WASHER, LOCK	24
7	PBOZO	96906	MS27183-10	WASHER, FLAT	24
8	PBOZZ	6730	12013-1	BOLT, EYE	1
9	PAOZZ	96906	MS90725-34	BOLT, MACHINE	2
10	PBOZZ	96906	MS35338-45	WASHER, LOCK	4
11	PBOZZ	96906	MS27183-12	WASHER, FLAT	4
12	PBOZZ	96906	MS90725-89	SCREW, CAP, HEXAGON H	2
13	XBOZZ	67302	12037-100	BRACKET, MOTOR MOUNT	1
14	XBOZZ	67302	12038-100	SUPPORT, MOTOR	1
15	XAOZZ	96906	MS20613-8P6	RIVET, SOLID	1
16	XAOZZ	67302	12038-2	ANGLE	1
17	PAOZZ	96906	MS39255-A35	V-BELT, A SECTION	1
18	PBOZZ	71956	8400	PULLEY, GROOVE	1
19	PBOZZ	96906	MS90725-6	SCREW, CAP, HEXAGON H	4
20	PBOZZ	60969	SP3302	BOX, CONNECTOR, ELECT	1
21	PAOZZ	90940	601996	MOTOR, ALTERNATING C	1
22	PAOZZ	71956	121162	BUSHING, SLEEVE	2
23	XDOZZ	71956	121022	PULLEY	1
24	XDOZZ	71956	121027	PULLEY, A K FIFTY SI	1
25	PBOZZ	96906	MS90725-5	SCREW, CAP, HEXAGON H	19
26	PAOZZ	67302	12061-100	FAN, ELECTRICAL	1
27	XAOZZ	07707	AD42BS	RIVET, BLIND	3
28	XAOZZ	67302	12061-3	BRACKET, MOUNTING	1
29	XBOZZ	67302	12060-100	SUPPORT BLOWER	1
30	XBOZZ	67302	12062-100	PLENUM, AIR DISCHARG	1





## **CHAPTER 15. UNIT MARKINGS PLACED ON DEPMEDS HOSPITAL EQUIPMENT**

---

### **15-1. DEPMEDS EQUIPMENT IS BEING PAINTED WITH OTHER THAN CARC PAINT**

- a. When the USAMMA issued Deployable Medical Equipment such as the Tactical ISO Shelters, MILVANs, Generator/Trailers, Dolly Sets and Distribution Illumination Electrical Systems, they are all painted with a CARC. This agent protects the equipment and allows for decontamination if the equipment comes in contact with chemical agents.
- b. Unit personnel should be advised to use only the correct procedures when placing stencils of unit markings on this equipment.
- c. Equipment has been over-sprayed to mark equipment with unit markings, enamel, and lacquer paints are being used over the CARC paint.
- d. In AR 750-1, Chapter 4-41 (Painting, CPP, CARC, And Marking Of Army Materiel) gives instructions that must be complied with when marking equipment that is protected with CARC paint.

### **15-2. LESSONS LEARNED ABOUT CHEMICAL AGENT RESISTANT COATING (CARC)**

a. CARC is a coating system that provides surfaces that are easily and effectively decontaminated after exposure to liquid chemical agents. There are three types of coatings in the CARC system:

- an epoxy polyamide primer
- an aliphatic polyurethane paint (PUP), and
- epoxy polyamide enamel.

Each of the coatings is supplied as a two-component system. When the two components are combined, a terminal reaction begins that makes an impermeable coating.

b. Before application, the surfaces to be coated with CARC must sometimes be stripped. After stripping, the surface must be cleaned of all oils, grease, and water. When the item is ready for coating, the two components are mixed and allowed to stand for a prescribed period. The mixture must then be applied within a given time period known as its "pot life" in order to be effective.

c. There are several waste streams associated with the application of CARC. The most common examples of waste are:

- unserviceable CARC components,
- CARC mixtures with expired pot life,
- Spent thinners and stripping solvents contaminated with CARC, blasting media with dry CARC residue, and empty containers.

Each individual waste stream must be handled and disposed of differently.

d. Guidelines to follow for disposal of CARC are:

(1) UNSERVICEABLE CARC COMPONENTS. Reclamation is the best option, but if it is not possible, then they must be disposed of as hazardous waste with the characteristic of ignitability, and possibly toxicity.

(2) CARC MIXTURES WITH EXPIRED POT LIFE- SHOULD BE ALLOWED TO DRY. The dried mixture may be disposed of in a sanitary landfill if the paints contain no hazardous heavy metals. If the mixture contains any heavy metals, then it should be tested using the toxicity characteristic procedure and disposed of accordingly.

(3) SPENT THINNERS AND STRIPPING SOLVENTS CONTAMINATED WITH CARC. Generally, all spent thinners are hazardous for the characteristic of ignitability. Blasting media with dry CARC residue-if the CARC-contaminated dust is free of heavy metals then the waste may be disposed of in a sanitary landfill. If there are heavy metals present, then the waste must be analyzed using the toxicity characteristic procedure and disposed of accordingly.

(4) EMPTY CONTAINERS- containers that held any CARC component may be disposed of as ordinary trash as long as they meet the definition of empty provided in 40 CFR 261.7(b).

e. The US Army Center for Health Promotion and Preventive Medicine (USACHPPM, Aberdeen Proving Grounds, MD) has a list of non-compliant paints and their alternatives to minimize hazardous waste. For specific information, contact the Action Officer: Hazardous and Medical Waste Program, at DSN 584-3651 or commercial 410-436-3651.

## CHAPTER 16. INVENTORY OF DEPMEDS EQUIPMENT

---

### 16-1. INVENTORY OF DEPMEDS EQUIPMENT IS DIFFICULT WHEN USING TMS

- a. Non-Medical Associated Support Items of Equipment (ASIOE) is assigned to the DEPMEDS Hospitals. These include items such as the Generators, Dolly Sets and Distribution Illumination Electrical Systems and the Tent, Extendable, Modular, Personnel (TEMPER). All of this equipment must be inventoried at one time or another.
- b. The TMs that are issued with the equipment get misplaced or lost. When they are in the possession of the soldiers the manuals is not user friendly.
- c. Unit personnel spend many hours going through different manuals to establish an accurate account of the many pieces and component parts that comprise a complete inventory for that particular item.
- d. To help correctly identify and to assist with equipment inventory and accountability, the USAMMA has designed information sheets.
- e. The equipment information sheets save time, provide information on the Basic Items of Issue (BII), and contain helpful information on how to complete operator checks for this equipment.
- f. Listed on the following pages are the information sheets to assist inventory personnel in completing an inventory of the Non-Medical ASIOE.
- g. Each item listed below will have an Inspection Checklist, a TEMPER Information Sheet (if applicable), Inventory Sheet.

<b>DEPMEDS Inspection Checklist, and Information/INVENTORY SHEET</b>	<b>Page</b>
Air Conditioner/Heater, 54,000 BTU, Model AH-54, Inspection Checklist	16-3
Cable Assemblies, Inspection Checklist	16-5
Dolly/Mobilizer Set, M1022, Inspection Checklist	16-7
Electrical Distribution Illumination Systems, Inspection Checklist	16-9
Electrical Utility Assembly, (DISE) M46, Inspection Checklist	16-11
Food Sanitation Center, NSN 7360-01-277-2558, LIN: S33399, Inspection Checklist	16-13
Food Sanitation Tent, Forest Green, 32' X 20' Sanitation Tent, NSN 8340-01-324-7971, Inventory Sheet	16-15
Generator Set PU 495B/G	16-17
Heater, Duct Type, 120,000 BTU, Inspection Checklist	16-19
Kitchen Tent - Forest Green, 48' X 20' Kitchen Tent, NSN 8340-01-325-0131, Inventory Sheet	16-25
Modular Field Kitchen, NSN 7360-01-276-9817, LIN: F39561, Inventory Sheet	16-27
Power Distribution Center, M400	16-31
Refrigerated Container	16-33

<b>DEPMEDS Inspection Checklist, and Information/INVENTORY SHEET</b>	<b>Page</b>
Temper (Black) Forest Green, 16'x20' Medical Tent, NSN 8340-01-185-2614, Information Sheet	16-37
Temper (Black) Forest Green, 16'x20' Medical Tent, NSN 8340-01-185-2614, Inventory Sheet,	16-39
Temper (Blue) Forest Green, 16'x20' CMS Tent, NSN 8340-01-185-2618, Information Sheet	16-43
Temper (Blue) Forest Green, 16'x20' CMS Tent, NSN 8340-01-185-2618, Inventory Sheet	16-45
Temper (Green) Forest Green, 64'x20' Medical Tent, NSN 8340-01-185-2617, Information Sheet	16-47
Temper (Green) Forest Green, 64'x20' Medical Tent, NSN 8340-01-185-2617, Inventory Sheet	16-49
Temper (Red) Forest Green, 64'x20' Surgical Tent, NSN 8340-01-185-2616, Information Sheet	16-53
Temper (Red) Forest Green, 64'x20' Surgical Tent, NSN 8340-01-185-2616, Inventory Sheet	16-55
Water Distribution System, Inventory Sheet 1	16-59
Water Distribution System, Inventory Sheet 2	16-61

**DEPMEDS INSPECTION CHECKLIST  
AIR CONDITIONER/ HEATER  
54,000 BTU, MODEL AH-54**

**NSN** 4120-01-150-8112 \_\_\_\_\_ 4120-01-283-4096 \_\_\_\_\_

Quantity Authorized: **CSH=59 FIELD=39 GEN=78**

Quantity Inspected: \_\_\_\_\_

**Serial Number(s):**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Inspection Date:** \_\_\_\_\_

**Technical Manuals Present:**

\_\_\_\_\_ TM 9-4120-398-14 w/Change 1 \_\_\_\_\_ NONE

1. Walk around Air Conditioner and inspect for:

- A \_\_\_\_\_ Check for legibility and loose or missing data plate hardware
- B \_\_\_\_\_ Check flexible ducts for obstructions, damage, or missing hardware
- C \_\_\_\_\_ Check that covers, doors, and panels are in place and not damaged
- D \_\_\_\_\_ Check that grills are in place, and not damaged
- E \_\_\_\_\_ Check Fresh Air Damper for proper adjustment
- F \_\_\_\_\_ Check External Control Panel for damage and missing knobs
- G \_\_\_\_\_ Check Evaporator Belts for damage, worn or missing fan belt
- H \_\_\_\_\_ Check Evaporator Fan Motor for secure motor mounting

2. Operate Air Conditioner as described in paragraph 4-32 of the Air Conditioner TM.

**DEPMEDS INSPECTION CHECKLIST**  
**AIR CONDITIONER/ HEATER**  
**54,000 BTU, MODEL AH-54**  
 (continued)

**NOTE:**

A five-hour warm-up period is required only if the unit has been without electrical power for more than 24 hours or if the unit has been moved. Most units requiring this form will meet both criteria for the warm up period. If electrical power remains connected to the unit the crankcase will remain warm and the compressor may be started at any time.

- a. Place mode selector switch in Vent position. Ensure evaporator fan motor rotates in correct direction.
- b. Place mode selector switch in AUTO position. Rotate temperature control to maximum DECREASE. After a 15-minute stabilization period:

- (1) Inspect site glass. Bubbles in refrigerant indicate a low charge.

☐ Bubbles are present.  
☐ Site Glass is clear.

- (2) Determine the difference in temperature between the discharge air and the return air utilizing a Fahrenheit thermometer. A difference of 15° F (+/- 5°) indicates proper cooling.

☐ Difference is at least 15° (+/- 5°) F.  
☐ Difference is less than 15° (+/- 5°) F.

C. With the mode selector switch in the AUTO position rotate the temperature control to maximum INCREASE. After a fifteen minute stabilization period:

- (1) Determine the difference in temperature between the discharge air and the return air utilizing a Fahrenheit thermometer. A difference of 13° F (+/- 3°) indicates proper heating action.

☐ Difference is at least 13° (+/- 3°) F.  
☐ Difference is less than 13° (+/- 3°) F.

3. Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Inspected By: \_\_\_\_\_  
 Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_

## DEPMEDS INSPECTION CHECKLIST CABLE ASSEMBLIES

Inspection Date: \_\_\_\_\_

1. 100-Amp Cables (NSN 6150-01-220-5587)

Quantity Authorized: **CSH=28 FIELD=20 GEN=36**

Quantity Inspected: \_\_\_\_\_

2. Check for the following:

- A \_\_\_\_\_ Continuity
- B \_\_\_\_\_ Split, cut and damaged insulation
- C \_\_\_\_\_ Missing or bent pins
- D \_\_\_\_\_ Damaged cable connectors
- E \_\_\_\_\_ Ground wires are securely attached to ground terminals
- F \_\_\_\_\_ Internal wiring for secure connections
- G \_\_\_\_\_ Internal wiring for burnt insulation and signs of overheating

3. 60 Amp Cables (NSN 6150-01-220-5588)

Quantity Authorized: **CSH=70 FIELD=50 GEN=90**

Quantity Inspected: \_\_\_\_\_

- A \_\_\_\_\_ Continuity
- B \_\_\_\_\_ Split, cut and damaged insulation
- C \_\_\_\_\_ Missing or bent pins
- D \_\_\_\_\_ Damaged cable connectors
- E \_\_\_\_\_ Ground wires are securely attached to ground terminals
- F \_\_\_\_\_ Internal wiring for secure connections
- G \_\_\_\_\_ Internal wiring for burnt insulation and signs of overheating

Phase Cables (NSN 6150-01-258-1202)

\* NOTE 4 Large Cables and 1 Ground Cable Completes 1 Set of Phase Cables.

Quantity Authorized: **CSH=7 FIELD=5 GEN=9**

Quantity Inspected: \_\_\_\_\_

- A \_\_\_\_\_ Continuity
- B \_\_\_\_\_ Split, cut and damaged insulation
- C \_\_\_\_\_ Missing or bent pins
- D \_\_\_\_\_ Damaged cable connectors
- E \_\_\_\_\_ Ground wires are securely attached to ground terminals
- F \_\_\_\_\_ Internal wiring for secure connections
- G \_\_\_\_\_ Internal wiring for burnt insulation and signs of overheating

Remarks: \_\_\_\_\_

Inspected by: \_\_\_\_\_

Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_





### DEPMEDS INSPECTION CHECKLIST DOLLY/MOBILIZER SET, M1022

Quantity Authorized: **CSH=13 FIELD=6 GEN=5**  
 Quantity Inspected: **NSN 2330-01-167-7262**

**Serial Number(s)** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Inspection Date:** \_\_\_\_\_

1. Is the following on hand with the dolly set?

YES      NO

TM 9-2330-379-14&P.

2. Make the following walk around inspection.

A      \_\_\_\_\_ Visually inspect for evidence of fluid leakage.

B      \_\_\_\_\_ Look for loose, missing, or damaged parts.

3. Check tires for deep cuts, foreign objects or unusual tread wear.

A      \_\_\_\_\_ Check proper tire inflation.

B      \_\_\_\_\_ Highway- 50 psi

C      \_\_\_\_\_ Off road - 25 psi

D      \_\_\_\_\_ Caster Wheels - 90 psi

E      \_\_\_\_\_ Inspect wheels for signs of damage

F      \_\_\_\_\_ Ensure presence and tightness of wheel nuts

4. Inspect brake system for the following.

A      \_\_\_\_\_ Inspect brake lines and air hoses for kinks, pinches or other damage.

B      \_\_\_\_\_ Ensure the proper operation of the brake system<sup>1</sup>.

C      \_\_\_\_\_ Examine glad-hands for proper operation.

---

<sup>1</sup> A 900 series 5-ton truck should be used for this test.

**DEPMEDS INSPECTION CHECKLIST**  
**DOLLY/MOBILIZER SET, M1022**  
(continued)

5. Inspect the tow bar and related chassis parts.

- A ☐ Inspect the tow bar for cracks and straightness.
- B ☐ Examine lunette for wear, loose or broken mountings.
- C ☐ Check for missing or damaged safety chains.
- D ☐ Check air hoses for damage.
- E ☐ Inspect shock absorbers.
- F ☐ Check lights for broken lenses and operation.  
☐ Check to see if reflectors are properly installed.
- G ☐ Check the operation of the hydraulic pumps.
- H ☐ Inspect all hydraulic lines and tubes for leaks and damage.
- I ☐ Check hydraulic fluid levels in the reservoirs.

6. Inventory ToolBox.

<input type="checkbox"/>	4 each, Lock pins, upper,	NSN 5315-01-288-1611
<input type="checkbox"/>	4 each, Lock pins, lower,	NSN 5307-01-266-9779
<input type="checkbox"/>	1 each, Air chuck, Hose	NSN 4730-01-266-5594
<input type="checkbox"/>	1 each, Socket, 1 5/16",	NSN 5130-00-221-2019
<input type="checkbox"/>	1 each, Socket, 15/16",	NSN 5130-01-026-8330
<input type="checkbox"/>	2 each, Strap assembly,	NSN 5340-01-280-6346
<input type="checkbox"/>	1 each, Strong arm,	NSN 5120-01-268-3543
<input type="checkbox"/>	2 each, Stud assembly,	NSN 2530-01-095-3561
<input type="checkbox"/>	4 each, Nut,	PN MS35692-2202 (96906)
<input type="checkbox"/>	2 each, Plug,	PN 4960311 (16128)
<input type="checkbox"/>	2 each, Wrench,	PN 6300271 (16128)

7. Was a load test performed?      Yes      No  
☐      ☐

8. Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspected By: \_\_\_\_\_  
Unit Representative: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

## DEPMEDS INSPECTION CHECKLIST ELECTRICAL DISTRIBUTION ILLUMINATION SYSTEMS

Quantity Authorized: **M-40 CSH=11 FIELD=9 GEN=12**

**M-100 CSH=4 FIELD=9 GEN=10**

Quantity Inspected:

1. Are the Technical Manuals 5-6150-226-13&P present? YES NO

2. This report is for the: \_\_\_\_\_ M40 6150-01-208-9753  
M100 6150-01-208-9754

Inspection Date:

3. Serial Number(s):


4. Inspect the following items:

- A. \_\_\_\_\_ Circuit breaker switches for freedom of movement
- B. \_\_\_\_\_ Connectors for missing covers, gaskets and secure mounting
- C. \_\_\_\_\_ Connector plugs for missing or bent pins.
- D. \_\_\_\_\_ Connector receptacles for distorted or damaged sockets
- E. \_\_\_\_\_ Phase lights for broken or missing bulbs.
- F. \_\_\_\_\_ All surfaces for excess corrosion.

5. After completing continuity checks on the panel connect it to power. Press the GROUND FAULT TEST SWITCH and verify that breaker trips.

Breaker functions properly. Breaker fails to function properly.

6. Inspect cables for the following:

- A. \_\_\_\_\_ Missing connector covers.
- B. \_\_\_\_\_ Missing or bent connector pins.
- C. \_\_\_\_\_ Distorted or damaged connector sockets.
- D. \_\_\_\_\_ Split, cut or damaged insulation.
- E. \_\_\_\_\_ Pin and Socket alignment.
- F. \_\_\_\_\_ Phase continuity.

**DEPMEDS INSPECTION CHECKLIST**  
**ELECTRICAL DISTRIBUTION ILLUMINATION SYSTEMS**  
(continued)

7. Basic Items of Issue:

A. M100

_____	PN 97403-13226E7050	1 each Electrical Feeder Panel
_____	PN 97403-13226E7020	1 each Cable Assembly, "Pigtail", 100 amp, 4 ft.
_____	PN 97403-13226E7024	2 each Cable Assembly, 100 amp, 25 ft.
_____	PN 97403-13227E5825	8 each Strap, Cable Carrying.

B. M40

_____	PN 97403-13226E7028	1 each Distribution Panel, 40 amp.
_____	PN 97403-13226E7019	1 each Cable Assy, 4 ft, 40 amp, "pigtail".
_____	PN 97403-13227E5825	8 each Strap, Cable carrying.
_____	PN 97403-13227E5830	1 each Transit Storage Container.
_____	6150-01-247-4781	2 each Cable Assy, 40/60 amp, 50 ft.
_____	6510-01-250-3643	3 each Cable Assy, Extension, 50 ft
_____	6150-00-250-0044	3 each Cable Assy, Extension, 25 ft.
_____	6150-01-251-9125	1 each Receptacle Assy Duplex.

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspected By: \_\_\_\_\_  
Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_

# **DEPMEDS INSPECTION CHECKLIST** **ELECTRICAL UTILITY ASSEMBLY, (DISE) M46**

Quantity Authorized: CSH=60 FIELD=55 GEN=70

Quantity Inspected: \_\_\_\_\_

1. Are Technical Manuals 5-6150-226-13&P present? \_\_\_\_\_ Yes \_\_\_\_\_ No

2. Serial Number(s):

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Inspection Date: \_\_\_\_\_

3. Inspect cables for the following:

- |   |       |   |
|---|-------|---|
| A | _____ | Missing connector covers.               |
| B | _____ | Missing or bent connector pins.         |
| C | _____ | Distorted or damaged connector sockets. |
| D | _____ | Split, cut or damaged insulation.       |
| E | _____ | Pin and Socket alignment.               |
| F | _____ | Phase continuity.                       |

4. Inventory Basic items of Issue:

_____	6150-01-247-4766	6 each, Cable Assy. Extension, 15 ft.
_____	6150-01-251-9124	2 each, Cable Assembly, Branch.
_____	6150-01-247-4783	1 each, Cable Branch Circuit
_____	6150-01-251-9125	1 each, Receptacle Assy.
_____	6230-01-247-4784	2 each, Utility Light, Double Socket.
_____	6240-01-250-3656	3 each, Blue 40W Incandescent Lamp.
_____	6240-01-250-3657	3 each, White 75W, Incandescent Lamp.
_____	6150-01-250-0045	6 each Strap, Cable Support.
_____	PN 97403-13226E7041	2 each, Rope, Cable Support.
_____	PN 97403-13227E5830	2 each., Transit Storage Container

5. Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspected By:

Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_



**DEPMEDS INSPECTION CHECKLIST  
FOOD SANITATION CENTER  
NSN 7360-01-277-2558, LIN: S33399**

Quantity Authorized: CSH=4 FIELD=4 GEN=5  
Quantity Inspected: \_\_\_\_\_ Date inspected: \_\_\_\_\_  
Unit: \_\_\_\_\_

Set # \_\_\_\_\_

NSN or P/N	Nomenclature	QA	JI	Short
	<b>CRATE # 1</b>			
7125-01-333-8494	Storage Rack, Kitchen Utensils	3		
7105-01-333-8492	Table, Sink Drain	1		
4510-01-333-9187	Sink Body Assembly	1		
5340-01-333-8485	Sink Cover Top	1		
7360-01-250-3649	Rack, Burner Assembly	1		
7320-01-334-3160	Immersion Rack, Sink	2		
7360-01-250-3652	Rack, Base Assembly	1		
4720-01-333-8489	Drain Hose Assembly, 3 Sink	1		
7240-00-151-6629	Waste Receptacle, Plastic 5 Gal	2		
6260-00-170-0430	Lantern, Gasoline	2		
4210-01-149-1356	Extinguisher, Fire	1		
6685-00-444-6500	Thermometer 200 Deg. F	3		
7310-01-113-9172	Burner Unit M2A	1		
	TM 10-8340-224-13 & P	1		
	TM 10-7360-211-13 & P	1		
	TM 10-7360-204-13 & P	1		
	<b>CRATE # 2</b>			
7125-01-333-8494	Storage Rack Kitchen Utensils	3		
5340-01-333-8485	Sink Cover Top	2		
4510-01-333-9187	Sink Body Assembly	2		
7360-01-250-3649	Rack, Burner Assembly	2		
7360-01-250-3652	Rack, Base Assembly	2		
7125-01-333-8486	Shelf, Storage Assembly	1		
4720-01-333-8488	Drain Hose Assembly, 1 Sink	1		
7320-01-333-9188	Sink Adapter	2		
5340-01-333-8483	Thermometer Bracket, Sink	3		
7305-01-333-8493	Field Table Assembly 36"	1		
7310-01-113-9172	Burner Unit, M2A	2		

Remarks: \_\_\_\_\_  
\_\_\_\_\_

Inspected By \_\_\_\_\_  
Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_





**DEPMEDS INVENTORY SHEET  
FOOD SANITATION TENT  
FOREST GREEN, 32' X 20' SANITATION TENT, NSN 8340-01-324-7971**

Quantity Authorized: **CSH=2 FIELD=2 GEN=3**

Quantity Inspected: \_\_\_\_\_

UNIT/SECTION: \_\_\_\_\_ TENT # \_\_\_\_\_

Unit Representative: \_\_\_\_\_

Signature/Date: \_\_\_\_\_

STOCK NUMBER	NOMENCLATURE	PART NUMBER	AUTH	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	(81337) 5-4-4006	5		
6150-01-353-5731	CABLE ASSY SPECIAL PURPOSE	1-6-6043-1	2		OLD PN 5-4-4145-1
6150-01-353-5732	CABLE ASSY SPECIAL PURPOSE	1-6-6043-2	2		OLD PN 5-4-4145-2
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE	1-6-6044-1	1		OLD PN 5-4-4146-1
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE	1-6-6044-3	1		OLD PN 5-4-4146-3
8340-01-186-3030	CONTAINER, PIN	(81337) 5-4-8487-1	2		
8340-01-186-3029	CONTAINER, VESTIBULE	(81337) 5-4-3374-1	4		
6110-01-251-8157	CONVENIENCE OUTLET W/"T" CABLE	(81337) 1-6-6046	6		OLD PN 5-4-4147
8340-01-186-3013	COVER ASSEMBLY, FRAME	(81337) 5-4-3347-1	4		
8340-01-186-3019	COVER ASSEMBLY, TENT	(81337) 5-4-3359-1	2		
6110-01-251-0402	DISTRIBUTION BOX, ELECTRIC	(81337) 1-6-6041	1		
8340-01-186-3007	DOOR SILL PURLIN	(81337) 5-4-3337	4		
8340-01-186-3009	EXTENDER, EAVE	(81337) 5-4-3341	10		
8340-01-186-3008	EXTENDER, RIDGE	(81337) 5-4-3340	5		
8340-01-186-3014	FABRIC, END SECTION	(81337) 5-4-3350-1	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR	(81337) 5-4-3370-1	4		
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY	(81337) 5-4-3372-1	4		
8340-01-186-3010	FRAME, VESTIBULE	(81337) 5-4-3343	16		
8340-01-186-3004	HEADER BAR	(81337) 5-4-3325	5		
6230-01-242-2016	LIGHT, BRUCE	(81337) 5-4-6824	2		
8340-01-213-9566	LINER, END SECTION	(81337) 5-4-3365	2		
8340-01-186-3023	LINER, INTERMEDIATE	(81337) 5-4-3366	2		
8340-01-823-7451	PIN, TENT, STEEL	(81337) 5-4-791	60		
8340-01-261-9751	PIN, TENT, WOOD, 24"	(81337) 5-4-1	30		
8340-01-186-3005	PURLIN	(81337) 5-4-3336	16		
8340-01-186-3021	ROOF BLANKET ASSY W/ WINDOW	(81337) 5-4-3363-1	2		
8340-01-186-3015	ROOF BLANKET W/DOOR	(81337) 5-4-3351-1	2		
6110-01-242-6691	STAND DISTRIBUTION	(81337) 1-6-6005	1		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT	(81337) 5-4-3609	8		
8340-01-186-3018	TENT FLY, 16'	(81337) 5-4-3353-1	2		
N/A	TM 10-8340-224-13	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	N/A	1		



## DEPMEDS INSPECTION CHECKLIST GENERATOR SET PU 495B/G

Quantity Authorized: **CSH=9 FIELD=7 GEN=12**  
 Quantity Inspected: \_\_\_\_\_ **NSN 6115-01-134-0165**

**Inspection Date:** \_\_\_\_\_

**Serial Numbers:**

**RZ-** \_\_\_\_\_ **T-** \_\_\_\_\_ **VE-** \_\_\_\_\_

Are the following items with the Generator?

Yes      No

_____	_____	DD Form 1397
_____	_____	TM 5-6115-594-14P
_____	_____	TM 9-2330-247-14P
_____	_____	TM 5-6115-600

### SECTION I - GENERATOR

1. Examine generator housing for:

- A \_\_\_\_\_ Evidence of fluid leakage.  
 B \_\_\_\_\_ Loose, missing or damaged parts.

2. Examine the follow areas associated with the engine.

- A \_\_\_\_\_ Ensure proper engine oil level.  
 B \_\_\_\_\_ Check engine for loose connections, free action of all moving parts (throttle, linkage, emergency shut-off lever) and for evidence of fluid leaks  
 C \_\_\_\_\_ Drain water and sediment from the primary and secondary fuel filters.  
 D \_\_\_\_\_ Drain water and sediment from day tank.  
 E \_\_\_\_\_ Check coolant level and hoses for secure fit and cracks.  
 F \_\_\_\_\_ Check batteries for proper charge, hook-up, electrolyte levels and security.  
 G \_\_\_\_\_ Examine all belts for fraying, cracks or other indications of deterioration. Tighten belts as required.  
 H \_\_\_\_\_ Test fault indicator lights by using the TEST or RESET switch.  
 I \_\_\_\_\_ Ensure that all control panel gages function properly.

### SECTION II - TRAILER

- A \_\_\_\_\_ Examine the trailer for evidence of fluid leakage on or under the trailer.  
 B \_\_\_\_\_ Inspect the frame, towing lunette, swivel casters and safety chains for cracks, breaks or missing parts.  
 C \_\_\_\_\_ Inspect brake lines, hoses and tanks for air or fluid leaks.  
 D \_\_\_\_\_ Inspect hand brakes for proper operation.  
 E \_\_\_\_\_ Inspect wheels for damage and secure mounting.  
 F \_\_\_\_\_ Examine tires for deep cuts or punctures. Ensure proper inflation (70-psi highway, 50-psi cross-country).  
 G \_\_\_\_\_ Ensure the operation of all lights and the presence of all reflectors.  
 H \_\_\_\_\_ Inspect the springs, mounting bolts and U-bolts for damage, corrosion or loose/missing parts.  
 I \_\_\_\_\_ Inspect the wiring harness, light assemblies, clips, receptacle shields, grommets, electrical boxes and access covers for correct assembly and condition.

**DEPMEDS INSPECTION CHECKLIST**  
**GENERATOR SET PU 495B/G**  
(continued)

**SECTION III - OPERATION**

Once inspected, connected to a load, and started the control panel gages should reflect the following:

1. AMMETER in the Green.
2. Coolant temperature: 180<sup>0</sup> - 200<sup>0</sup> F.
3. Oil pressure: 40-60 psi.
4. Volts AC meter: 120/280 - 240-416 volts AC.
5. Percent rated current: Up to 100%.
6. Kilowatt meter: Up to 100 % (60 HZ operation) 83.3 kW for 50 HZ.
7. Hertz: Normally set to 60 HZ.

**SECTION IV – BASIC ITEMS OF ISSUE**

NSN/Part #	Nomenclature	Qty Auth	Qty O/H
2330-00-542-2831	TRL Chassis M-353 (MOD)	1	
TM9-2330-247-14&P	Tech Manual	1	
6115-01-036-6374	GEN 100KW MDL-MEP-007B	1	
6140-00-057-2554	Battery	2	
N/A	Lead Battery Jumper (71-4562-30554)	1	
N/A	Barring Tool	1	
TM5-6115-600-12	Tech Manual	1	
TM5-6115-594-14&P	Tech Manual w/C1 &2	1	
LO5-6115-600-12	Lube Order	1	
5975-00-878-3791	Grd Rod 3 Section W/Clamp	1	
5120-00-251-4489	Hammer Sledge 8Lbs	1	
4210-00-270-4512	Fire Ext 5Lbs	1	
N/A	Ground Wire 10Ft Long	1	
N/A	Ground Wire 12Ft Long	1	
N/A	Oil Drain Assy	1	
5120-01-013-1676	Slide Hammer	1	
N/A	Fuel Line 25Ft	1	
N/A	Door Access #71-4538	1	
N/A	Door Access #71-4539	1	
5310-00-094-3421	Nut and Captive Washer	16	
5310-00-036-6906	Screw and Captive Washer	16	

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Inspected By: \_\_\_\_\_  
 Unit Representative: \_\_\_\_\_  
 Signature: \_\_\_\_\_

# DEPMEDS INSPECTION CHECKLIST HEATER, DUCT TYPE, 120,000 BTU

Quantity Authorized: **CSH=43 FIELD=40 GEN=49**

Quantity Inspected: \_\_\_\_\_

**NSN** 4520-01-254-8548 (H82)

4520-01-332-2394 (H83) \_\_\_\_\_

**Serial Number(s):**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Inspection Date:** \_\_\_\_\_

1. Are technical manual TM 5-4520-256-14 with the heater?

\_\_\_\_\_ Yes      \_\_\_\_\_ No

2. Examine the following parts:

- A \_\_\_\_\_ Cabinet, covers and doors for loose mountings, missing fasteners, dents and corrosion.
- B \_\_\_\_\_ Frame skid for cracks, secure mounting and corrosion.
- C \_\_\_\_\_ Control panel for broken or missing knobs, controls or indicators, missing fasteners and corrosion.
- D \_\_\_\_\_ Power cable for frayed insulation, cracks, damages connectors, and corrosion.
- E \_\_\_\_\_ Return and supply air ducts and dust covers for cracks, holes, and broken connectors.
- F \_\_\_\_\_ External fuel connection for a missing cap or damaged threads.
- G \_\_\_\_\_ Fuel cap for the gasket, dents, cracks or corrosion.
- H \_\_\_\_\_ Fuel gage broken glass and proper operation.
- I \_\_\_\_\_ Exhaust pipe for dents, corrosion, improper fit.
- J \_\_\_\_\_ Blower for free movement.
- K \_\_\_\_\_ Fuel transfer valve for leaks or other damage.
- L \_\_\_\_\_ Motor base for loose or missing hardware.
- M \_\_\_\_\_ Motor for free rotation, missing fasteners and TAPED ARMATURE.
- N \_\_\_\_\_ Heat Exchanger for loose or missing hardware, corrosion or holes.
- O \_\_\_\_\_ Fuel pump for leaks.
- P \_\_\_\_\_ Solenoid valves for loose wiring or connections, leaks, and proper operation.
- Q \_\_\_\_\_ Ignition transformer for loose or dirty connection, missing fasteners or a corroded case.
- R \_\_\_\_\_ Fuel tube assemblies for leaks or broken flanges.

**DEPMEDS INSPECTION CHECKLIST**  
**HEATER, DUCT TYPE, 120,000 BTU**  
(continued)

**NOTE:**

Are Heaters modified with the flexible fuel line in accordance with Safety of Use Message dated March 1997, MSG REISSUE/IMMEDIATE 100 PERCENT INSPECTION/HEATER DUCT TYPE PORTABLE, 120000 BTU with a suspense date of: 3/21/97

3. Replacement parts for old fuel line assemblies:

Required for each heater (1EA NSN 4720-01-122-4282 P/N: MS52103A050080 Hose Assembly) Required for each heater (2EA NSN 4730-00-620-6904 P/N: C5205X5X4 Adapter, Straight Pipe)

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspected By: \_\_\_\_\_

Unit Representative: \_\_\_\_\_

Signature: \_\_\_\_\_

**SAFETY of USE MESSAGE**

FROM  
QUAD SERVICE MMQC FT DETRICK MD//USAMMA/AFMLO/NMLC//

TO  
AIG 7485  
AIG 7486  
AIG 7487  
AIG 7488

UNCLAS  
SUBJ: MMQC-97-0108  
MSG REISSUE/IMMEDIATE 100 PERCENT INSPECTION/HEATER DUCT TYPE PORTABLE, 120000 BTU  
SUSPENSE: 3/21/97

01. DUE TO REPORTS RECD FROM THE FIELD OF NON-RECEIPT OF ORIGINAL MSG (REF A), REF MSG IS HEREBY REISSUED IN ITS ENTIRETY. THIS IS A SAFETY OF USE MESSAGE. ACTIVITIES WILL PERFORM A 100 PERCENT INSPECTION. REPORTS FROM THE FIELD AND DEPOTS INDICATE THAT FUEL TUBING ON ITEM CITED IS FAILING. THE FLARED ENDS ON THE TUBING AT THE FITTINGS IS CRACKING. THIS IS EITHER A RESULT OF VIBRATION OR THE FLARE WAS NOT PERFORMED CORRECTLY DURING ORIGINAL MANUFACTURING.

WARNING: DEATH, SERIOUS INJURY, OR DAMAGE TO EQUIPMENT WILL OCCUR IF ACTIONS SPECIFIED IN THIS MESSAGE ARE NOT IMPLEMENTED:

NSN: 4520-01-254-8548 UI: EA  
NOM: HEATER DUCT TYPE PORTABLE: 120000 BTU  
MFR: ALL MFRS

2. ACTIVITIES WILL INSPECT THESE ITEMS - NOMENCLATURE; PART NO.;NSN:1) TUBE ASSY 8720745-100 FSCM-98752, ITEM 24, FIG 6, TM5-4520-256-24P 2) ADAPTER, STRAIGHT, PIPE C5205X4X4 4730-00-389-5484, ITEM 23, FIG. 6, TM5-4520-256-24P

3. USER ACTIONS:

A. TASK OR INSPECTION SUSPENSE DATE - COMPLETE INSPECTION WITHIN 30 DAYS OF MSG RECEIPT. NO SPECIAL REPORT OF THE RESULTS OF THIS INSPECTION IS REQUIRED.

B. REPORTING COMPLIANCE SUSPENSE DATE - N/A/

C. INSPECTION PROCEDURES -

1) REMOVE ACCESS DOOR AND FILTER IN ACCORDANCE TO TM5-4520-256-14, PARA 3.10A. THIS WILL PROVIDE ACCESS TO SUBJECT FUEL LINE.

2) THOROUGHLY INSPECT TUBING FOR CRACKS, DETERIORATION AND LEAKS. ALSO, LOOK FOR SIGNS OF FUEL PUDDLING DIRECTLY BELOW THE FUEL TUBING.

3) IF SIGNS OF FUEL LEAKS ARE FOUND, THE HEATER SHOULD BE REMOVED FROM SERVICE UNTIL REPAIRS CAN BE ACCOMPLISHED.

D. CORRECTION PROCEDURES:

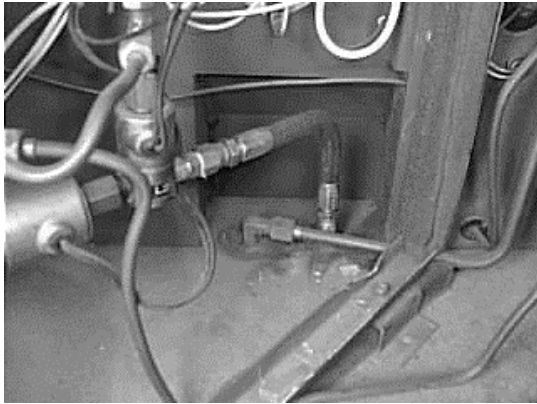
1) ALL THE OLD TUBE ASSEMBLIES, ITEM 24, FIG. 6, TM5-4520-24P, P/N 8720745-100, AND ADAPTERS, STRAIGHT, PIPE (ITEM 23, FIG. 6, TM5-4520-256-24P, P/N C3205X4X4, NSN 4730-00-389-5484) SHOULD BE REPLACED WITH THE NEW PARTS CALLED OUT IN CHANGE ONE (C-1, DATED 16 SEP 91) OF TM5-4520-25624P. THE REPLACEMENT PARTS ARE ITEM 24A, FIG 6, HOSE ASSEMBLY, P/N MS52103A050080P, NSN 4720-01-122-4282 AND ITEM 23A, FIG. 6, ADAPTER, STRAIGHT, PIPE, PN C5205X5X4, NSN 4730-00-620-6904.

E. PARTS REQUIRED - NOMENCLATURE; PART NO

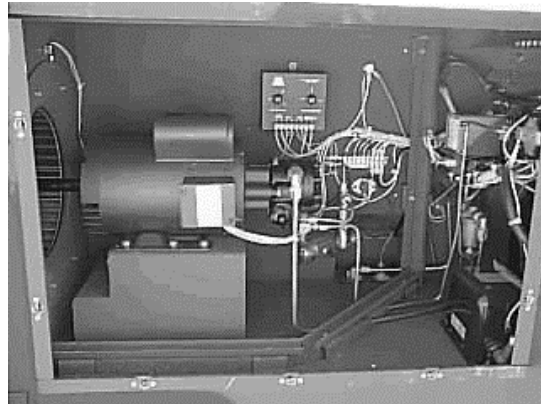
POC: MCMR-MMO-TC 301-619-4300/2045, DSN: 343, FAX 2938

**DEPMEDS INSPECTION CHECKLIST**  
**HEATER, DUCT TYPE, 120,000 BTU**  
(continued)

The modified and the not modified heaters are shown below and the adapters and hoses that are required to comply with the safety of use message.



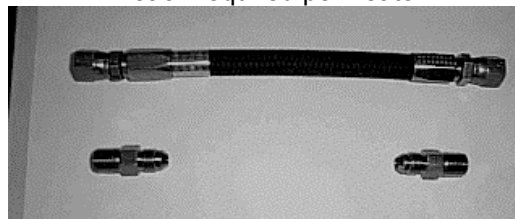
Modified



Not modified

Hose Assembly, NSN: 4720-01-122-4282 P/N: MS52103A050080 Adapter, straight, pipe, NSN: 4730-00-620-6904, P/N: C5205X5X4 are required to complete the safety of Use Message on the H-82 Heater.

Hose Assembly  
NSN: 4720-01-122-4282  
1 each required per heater



Adapter  
NSN: 4730-00-620-6904  
2 each required per heater

The maintenance personnel are required to follow the correct procedures and removed all the old tube assemblies and adapters and replaced them with the new parts called out in change one (C-1, dated 16 Sep 91) of TM 5-4520-25624p



**DEPMEDS INVENTORY SHEET  
FOREST GREEN, KITCHEN TENT  
48' X 20' KITCHEN TENT, NSN 8340-01-325-0131**

Quantity Authorized: **CSH=2 FIELD=2 GEN=3**

Quantity Inspected: \_\_\_\_\_

UNIT/SECTION: \_\_\_\_\_ TENT # \_\_\_\_\_

Unit Representative: \_\_\_\_\_

Signature/Date: \_\_\_\_\_

NSN	NOMENCLATURE	PART NUMBER	AUTH	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	(81337) 5-4-4006	7		
6150-01-353-5731	CABLE ASSY SPECIAL PURPOSE	1-6-6043-1	4		OLD PN 5-4-4145-1
6150-01-353-5732	CABLE ASSY SPECIAL PURPOSE	1-6-6043-2	4		OLD PN 5-4-4145-2
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE	1-6-6044-1	2		OLD PN 5-4-4146-1
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE	1-6-6044-3	2		OLD PN 5-4-4146-3
8340-01-186-3030	CONTAINER, PIN	(81337) 5-4-8487-1	4		
8340-01-186-3029	CONTAINER, VESTIBULE	(81337) 5-4-3374-1	6		
6110-01-251-8157	CONVENIENCE OUTLET W/"T" CABLE	(81337) 1-6-6046	10		OLD PN 5-4-4147
8340-01-186-3013	COVER ASSEMBLY, FRAME	(81337) 5-4-3347-1	6		
8340-01-186-3019	COVER ASSEMBLY, TENT	(81337) 5-4-3359-1	3		
6110-01-251-0402	DISTRIBUTION BOX, ELECTRIC	(81337) 1-6-6041	2		
8340-01-186-3007	DOOR SILL PURLIN	(81337) 5-4-3337	6		
8340-01-186-3009	EXTENDER, EAVE	(81337) 5-4-3341	14		
8340-01-186-3008	EXTENDER, RIDGE	(81337) 5-4-3340	7		
8340-01-186-3014	FABRIC, END SECTION	(81337) 5-4-3350-1	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR	(81337) 5-4-3370-1	6		
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY	(81337) 5-4-3372-1	6		
8340-01-186-3010	FRAME, VESTIBULE	(81337) 5-4-3343	24		
8340-01-186-3004	HEADER BAR	(81337) 5-4-3325	7		
6230-01-242-2016	LIGHT, BRUCE	(81337) 5-4-6824	3		
8340-01-213-9566	LINER, END SECTION	(81337) 5-4-3365	2		
8340-01-186-3023	LINER, INTERMEDIATE	(81337) 5-4-3366	3		
8340-01-211-9636	LINER, INTERMEDIATE DEST/TROP	(81337) 5-4-3367	1		
8340-01-823-7451	PIN, TENT, STEEL	(81337) 5-4-791	82		
8340-01-261-9751	PIN, TENT, WOOD, 24"	(81337) 5-4-1	42		
8340-01-186-3005	PURLIN	(81337) 5-4-3336	24		
8340-01-186-3021	ROOF BLANKET ASSY W/ WINDOW	(81337) 5-4-3363-1	3		
8340-01-186-3015	ROOF BLANKET W/DOOR	(81337) 5-4-3351-1	3		
6110-01-242-6691	STAND DISTRIBUTION	(81337) 1-6-6005	2		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT	(81337) 5-4-3609	12		
8340-01-186-3018	TENT FLY, 16'	(81337) 5-4-3353-1	3		
N/A	TM 10-8340-224-13	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	N/A	2		



**DEPMEDS INVENTORY SHEET  
MODULAR FIELD KITCHEN  
NSN 7360-01-276-9817, LIN: F39561**

Quantity Authorized: CSH=4 FIELD=4 GEN=5

Quantity Inspected: \_\_\_\_\_

NSN	Nomenclature	QA	JI	Short
	<b>CRATE # 1</b>			
7310-01-348-3191	Double Burner Rack Assembly	2		
4530-01-223-2269	Burner Rack, Base Assembly	2		
7310-01-106-9682	Steam Table Adapter Bar 20.5"	1		
7305-01-333-8493	Field Table Assembly 36"	1		
7310-01-113-9172	Burner Unit, M2A	1		
7310-01-245-6937	Dispenser, Liquid, Insulated 5 Gal	7		
7310-01-391-3065	Griddle Assembly	1		
	Funnel Assembly, Plug	1		
	Small Splash Guard	2		
	Large Splash Guard	1		
	Steam Table Assembly	1		
7310-00-238-5164	Pan, Steam Table, Full Size	3		
	Storage Cabinet	2		
7330-00-272-2589	Pan, Baking & Roasting, Rect. 20x16.5"	10		
7330-00-634-4494	Pan, Roasting & Baking, Bottom 24x18"	4		
7330-00-286-8069	Pan, Roasting & Baking, Top 24x18"	4		
7240-00-089-3827	Can, Water, Plastic 5 Gal	5		
	<b>CRATE # 2</b>			
	Field Oven Assembly	1		
7330-00-292-2306	10 Gallon Pot, Cooking	1		
7330-00-292-2307	15 Gallon Pot, Cooking	1		
7330-00-379-2544	Splash Plate, Cooking Pot	1		
7330-01-248-9964	Cradle Assembly, Cook Pot	1		
	Field Oven Assembly	1		
7330-00-292-2306	10 Gallon Pot, Cooking	1		
7330-00-292-2307	15 Gallon Pot, Cooking	1		
7330-00-379-2544	Splash Plate, Cooking Pot	1		
7330-01-248-9964	Cradle Assembly, Cook Pot	1		
7330-01-234-2163	Food Container, Insulated	1		
7330-01-234-2163	Food Container Insulated	3		
7330-01-234-2189	Food Storage Pans w/Handles 3x12"	36		
7310-01-235-0922	Cover, Food Storage Pan, 3x12"	36		
7125-01-333-8486	Shelf, Storage Assembly	2		
7305-01-333-8493	Field Table Assembly 36"	1		
7330-00-250-6300	Cover, Pot, Cooking	4		
7330-01-234-2164	Lifter, Tray-Pack, Extracting	2		
7330-01-224-0914	Lifter, Tray-Pack, Serving	2		

**DEPMEDS INVENTORY SHEET  
MODULAR FIELD KITCHEN  
NSN 7360-01-276-9817, LIN: F39561  
(continued)**

NSN	Nomenclature	QA	JI	Short
	<b>CRATE # 3</b>			
7250-01-334-3159	Rack Assembly, Storage & Drying	3		
7240-00-151-6629	<b>Waste Receptacle, Plastic 32 Gal</b>	2		
4530-01-223-2269	Burner Rack, Base Assembly	1		
7310-01-113-9172	Burner Unit M2A	1		
4530-01-223-2269	Burner Rack, Base Assembly	1		
7310-01-225-8114	Single Burner Rack Assembly	1		
6260-00-837-0996	Lantern, Gasoline	2		
7310-00-310-8544	Tool Chest with Tools	1		
5120-00-303-7737	Wrench, Combination	1		
7310-00-999-2552	Pre-heater, Generator Assembly	6		
5120-00-234-8913	Screwdriver, Cross-Tip 4"	1		
5120-00-222-8852	Screwdriver, Flat-Tip 4"	1		
5120-00-223-7397	Pliers, Slip Joint	1		
5120-00-892-5485	Hammer, Hand 16 Oz	1		
5120-00-240-5328	Wrench, Open-end, Adjustable	1		
5345-00-198-8040	Stone, Sharpening	1		
9150-00-273-2389	Lubricating Oil, General Purpose 4 Oz	1		
8030-00-087-8630	Anti-seize Compound	1		
8110-00-824-1443	Can Friction	1		
5120-00-379-2490	Cleaner, Burner Slot	1		
7240-01-357-5269	Can, Gasoline, Military 5 Gal	5		
	<b>CRATE # 4</b>			
4530-01-223-2269	Burner Rack, Base Assembly	1		
7310-01-113-9172	Burner Unit M2A	1		
4530-01-223-2269	Burner Rack, Base Assembly	1		
7310-01-113-9172	Burner Unit M2A	1		
7310-01-225-8114	Single Burner Rack Assembly	1		
7310-00-576-4614	Pan Steam Table, Half Size	6		
7310-00-834-4480	Cover, Steam Table Pan, Full Size	6		
7330-01-236-3155	Can Opener, Mounted	2		
7360-01-248-6041	Tank, Heater Assembly (w/Contents)	1		
7310-01-113-9172	Burner Unit M2A	1		
7330-00-078-5706	Board, Food, Chopping & Slicing	2		
7360-00-274-7088	Roll, Cutlery	1		
7330-00-379-4439	Pot Holder, Bakery	4		
7330-00-616-0997	Tong, Food Serving 12"	3		

**DEPMEDS INVENTORY SHEET  
MODULAR FIELD KITCHEN  
NSN 7360-01-276-9817, LIN: F39561  
(continued)**

NSN	Nomenclature	QA	JI	Short
	<b>CRATE # 4</b> (continued)			
7340-00-205-1421	Spoon, Food Service, Slotted 15"	8		
7330-00-184-0089	Sifter, Flour, Hand	1		
6545-00-919-6650	First Aid Kit, General Purpose	1		
7330-00-205-1950	Scraper, Baker's	1		
7330-00-272-2489	Dipper, Kitchen 1 Qt.	2		
7340-00-240-7800	Spoon, Food Service, Basting 21"	4		
7330-00-256-2158	Turner, Food	3		
5110-00-892-5071	Knife, Craftsman's	2		
7340-00-488-7939	Knife, Paring 3.5"	2		
7330-00-238-8316	Peeler, Potato, Hand	2		
7330-00-272-7876	Measure Set, Spoon	2		
7330-00-849-5194	Spatula	2		
7330-00-257-4822	Ice Pick 4.5"	1		
7330-01-411-9787	Cutter, Cookie/Biscuit 3"	1		
7340-00-223-7792	Fork, Food Preparation 21"	3		
7920-00-291-5815	Brush, Wire, Scratch	1		
7340-00-488-7950	Knife, Cook's 10"	2		
7340-00-406-6531	Knife, Slicing 12"	2		
7330-00-550-7592	Butcher's Steel 10"	1		
7330-00-254-4793	Ladle, Kitchen 2 oz.	2		
7330-00-248-1153	Ladle, Kitchen 8 oz.	2		
7330-00-680-2635	Skimmer, Kitchen	2		

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Inspected By: \_\_\_\_\_  
 Unit \_\_\_\_\_  
 Representative: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 \_\_\_\_\_



# **DEPMEDS INSPECTION CHECKLIST** **POWER DISTRIBUTION CENTER, M400**

Quantity Authorized: **CSH=7 FIELD=5 GEN=9**

Quantity Inspected: **NSN 6110-01-248-6671** \_\_\_\_\_

**Serial Number(s):**


Inspection Date: \_\_\_\_\_

Is TM 5-6150-228-13&P with the power distribution center unit(s)?

\_\_\_\_\_ Yes    \_\_\_\_\_ No

Make the following walk-around inspections:

- A \_\_\_\_\_ Inspect for damage to cabinet or door assemblies.
- B \_\_\_\_\_ Inspect cover assembly including hinge and gasket.
- C \_\_\_\_\_ Inspect drainage openings in lower cabinet corners and clean if necessary.
- D \_\_\_\_\_ Inspect connectors for damage.
- E \_\_\_\_\_ Inspect connector covers for missing or unserviceable gaskets.
- F \_\_\_\_\_ Move all circuit breakers to the ON position and perform continuity checks on all terminals.

Open the cover assembly to:

- A \_\_\_\_\_ Inspect for damaged circuit breakers.
- B \_\_\_\_\_ Ensure secure mounting of the circuit breakers.
- C \_\_\_\_\_ Ensure free operation of sliding bar assembly.
- D \_\_\_\_\_ Ensure that indicator lights are present and unbroken.
- E \_\_\_\_\_ Ensure that indicator lights illuminate when power is applied<sup>2</sup>.

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Inspected by:

Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_

<sup>2</sup> Inspection step 2F must be completed before connecting the PDC to power.





## DEPMEDS INSPECTION CHECKLIST REFRIGERATED CONTAINER

Quantity Authorized: **CSH=1 FIELD=1 GEN=1**

Quantity Inspected: \_\_\_\_\_

NSN 8145-01-388-4966

Container S/N: \_\_\_\_\_ Generator S/N: \_\_\_\_\_

Refrigeration Unit S/N: \_\_\_\_\_

Inspection Date: \_\_\_\_\_

1. Are the technical manuals with the unit:
  - A. \_\_\_\_\_ Generator - TM 5-6115-585-12
  - B. \_\_\_\_\_ Container - TM 5-8145-201-14
  - C. \_\_\_\_\_ Refrigeration Unit - TM 9-4110-252-14
  
2. Generator:
  - A. Make the following walk around checks:
    - \_\_\_\_\_ Visually check for evidence of leakage.
    - \_\_\_\_\_ Check for loose, missing, damaged parts, corrosion or dents.
    - \_\_\_\_\_ Inspect for broken gage glass or indicator bulbs.
  - B. Generator Set:
    - \_\_\_\_\_ Check ground cable/grounding rods.
    - \_\_\_\_\_ Plug lights and recorder to Generator power box.
  - C. Engine:
    - \_\_\_\_\_ Check for required lube oil level; add as required.
    - \_\_\_\_\_ Check engine for loose connections, free action of all moving parts (throttle linkage, emergency shut-off lever).
    - \_\_\_\_\_ Check exhaust system for secure mounting of brackets and cracks or breaks in welds of flexible exhaust pipe.
  - D. Batteries:
    - \_\_\_\_\_ Check batteries for proper charge, required electrolyte level and tightness of cables.
  
3. Refrigeration Unit:
  - A. Make the following "walk around" checks:
    - \_\_\_\_\_ Inspect condenser coil and evaporator coil for indications of damage.
    - \_\_\_\_\_ Inspect exterior frame, assess doors, frills and plenum for cracks, broken welds, loose or missing fasteners.
    - \_\_\_\_\_ Inspect control panel for broken gages and indicator lights.
    - \_\_\_\_\_ Inspect unit for a kink or damaged refrigerant lines.
    - \_\_\_\_\_ Inspect for evidence of oil leakage, loose or damaged wiring and missing fasteners.

# **DEPMEDS INSPECTION CHECKLIST** **REFRIGERATED CONTAINER** (continued)

B. Container:

\_\_\_\_\_ Inspect container for cracks, holes, dents, broken welds, bent or broken hinges and door fasteners.

4. Start-up and Operational Test:

A. Generator:

- \_\_\_\_\_ Verify load and frequency rating of load against generator.
- \_\_\_\_\_ Attach load leads to terminals located in output control box.
- \_\_\_\_\_ Prime fuel line.
- \_\_\_\_\_ Push in DC circuit breaker.
- \_\_\_\_\_ Using test or reset switch, check indicator lights.
- \_\_\_\_\_ WHEN ENGINE IS COLD, MOVE "Master Switch" to preheat position and hold for one minute.
- \_\_\_\_\_ Place "Master Switch" in Start position and hold until engine reaches operating speed (15 sec max).
- \_\_\_\_\_ Check all gages. Adjust frequency and voltage as necessary.

B. Refrigeration Unit (Figure 16-1):

- \_\_\_\_\_ Verify that "Control Switch" (3) and "Circuit Breaker" (2) are in the off position.
- \_\_\_\_\_ Open left "Access Panel" (11) and front "Access Doors" (13).
- \_\_\_\_\_ Fully open (counter clockwise) "Shutoff Valve", V2 (8); "Receiver Outlet Valve", V3 (7); "Receiver Inlet Valve", V5 (12); and "Drier Shutoff Valve", V8 (6).
- \_\_\_\_\_ Ensure power is off and rotate "Condenser fan" (14) by hand to ensure free rotation.
- \_\_\_\_\_ Fully open (counter Clockwise) "Compressor Discharge Valve", V12 (10) and then rotate ¼ turn clockwise. Observe discharge pressure gage (4) for a pressure indication.
- \_\_\_\_\_ Fully open "Compressor Suction Service Valve", V10 (9) and then rotate ¼ turn clockwise. Observe suction pressure gage for a pressure indication.
- \_\_\_\_\_ Plug refrigeration unit connector to generator connection.

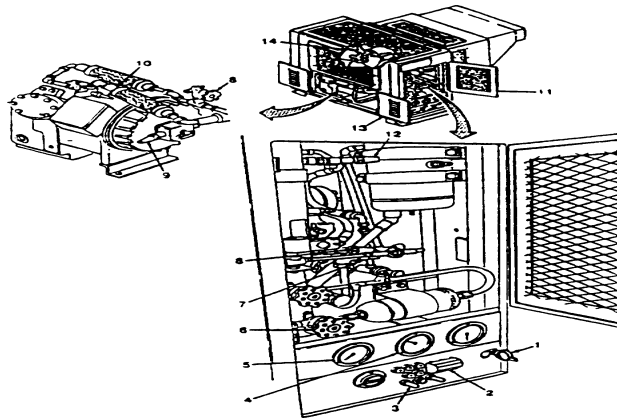


Fig. 16-1

**DEPMEDS INSPECTION CHECKLIST**  
**REFRIGERATED CONTAINER**

(continued)

B. (continued) Refrigeration Unit

- ☐ Set thermostat to desired temperature, usually 0° - 40°F.
- ☐ Set circuit breaker to "On". Verify Green power on indicator light is illuminated.
- ☐ Set control switch to "on" (fan should start).
- ☐ Ensure proper air flow direction.

C. Results:

- ☐ Generator functions as designed.
- ☐ Generator fails to operate (SF 368 and DA 2407 completed).
- ☐ Refrigeration unit cools to desired temperature.
- ☐ Refrigeration unit fails to cool properly (SF 368 and DA 2407 completed).

Inspected By:

Unit Representative: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**TEMPER INFORMATION SHEET  
(BLACK) FOREST GREEN  
16' X 20' MEDICAL TENT NSN 8340-01-185-2614**

FG NSN	NOMENCLATURE	DT NSN	AUTH	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	8340-01-240-5854	3		
8340-01-186-3030	CONTAINER, PIN	8340-01-186-3030	1		
8340-01-186-3029	CONTAINER, VESTIBULE	8340-01-323-2454	2		
6110-01-251-8157	CONVENIENCE OUTLET W/T-CABLE	6110-01-251-8157	4		PN 1-6-6046 (5-4-4147)
8340-01-186-3013	COVER ASSEMBLY, FRAME	8340-01-213-9557	2		
8340-01-186-3019	COVER ASSEMBLY, TENT	8340-01-198-7620	3		
6110-01-251-0402	DISTRIBUTION BOX, ELECTRIC "A"	6110-01-251-0402	1		
8340-01-186-3007	DOOR SILL PURLIN	8340-01-186-3007	2		
6150-01-353-5731	CABLE ASSY SPECIAL PURPOSE	6150-01-353-5731	2		PN 1-6-6043-1 (5-4-4145-1)
6150-01-353-5732	CABLE ASSY SPECIAL PURPOSE	6150-01-353-5732	2		PN 1-6-6043-2 (5-4-4145-2)
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE	6150-01-354-5841	1		PN 1-6-6044-1 (5-4-4146-1)
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE	6150-01-354-5842	1		PN 1-6-6044-3 (5-4-4146-3)
8340-01-186-3009	EXTENDER, EAVE	8340-01-186-3009	6		
8340-01-186-3008	EXTENDER, RIDGE	8340-01-186-3008	3		
8340-01-186-3014	FABRIC, END SECTION	8340-01-198-7618	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR	8340-01-198-7621	2		
8340-01-186-3025	FLOOR, INSULATED	8340-01-186-3025	2		
8340-01-186-3024	FLOOR, SINGLE PLY	8340-01-186-3024	2		
8340-01-186-3028	FLOOR, VESTIBULE, INSULATED	8340-01-186-3028	2		
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY	8340-01-186-3027	2		
8340-01-186-3010	FRAME, VESTIBULE	8340-01-186-3010	8		
8340-01-186-3004	HEADER BAR	8340-01-186-3004	3		
6230-01-242-2016	LIGHT, BRUCE	6230-01-242-2016	1		
8340-01-186-3022	LINER, END SECTION	8340-01-186-3022	2		
8340-01-186-3032	PARTITION	8340-01-186-3032	1		
8340-01-823-7451	PIN, TENT, STEEL	8340-01-823-7451	26		
8340-01-261-9751	PIN, TENT, WOOD, 24"	8340-01-261-9751	10		
8340-01-186-3035	PLENUM, END WALL	8340-01-186-3035	1		
8340-01-186-3005	PURLIN	8340-01-186-3005	8		
8340-01-186-3021	ROOF BLANKET ASSY W/WINDOW	8340-01-198-7619	1		
8340-01-186-3020	ROOF BLANKET W/DOOR	8340-01-213-6004	1		
6110-01-242-6691	STAND DISTRIBUTION	6110-01-242-6691	1		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT	8465-01-220-1419	4		
8340-01-186-3018	TENT FLY, 16'	8340-01-198-5358	1		
N/A	TM 10-8340-224-13&P	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	8460-00-243-3234	1		



**TEMPER INVENTORY SHEET  
(BLACK) FOREST GREEN  
16' X 20' MEDICAL TENT, NSN 8340-01-185-2614**

Quantity Authorized: **CSH=10 FIELD=7 GEN=11**

Quantity Inspected: \_\_\_\_\_

Unit Representative: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

<b>TENT FRAME PACKAGES (2 Bundles)</b>			
<b>Door Bundle (QTY 1)</b>			
This bundle will be stenciled "DS" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	1		1
HEADER BAR	1		1
DOOR SILL PURLIN	2		2
PURLIN	3		3
EXTENDER, EAVE	2		2
EXTENDER, RIDGE	1		1
COVER ASSEMBLY, FRAME	1		1
FRAME, VESTIBULE	2		2
STAND, DISTRIBUTION	1		1
<b>End Section Bundle (QTY 1)</b>			
This bundle will be stenciled "E" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	2		2
HEADER BAR	2		2
PURLIN	5		5
EXTENDER, EAVE	4		4
EXTENDER, RIDGE	2		2
COVER ASSEMBLY, FRAME	1		1
<b>FABRIC PACKAGES (3 Bundles)</b>			
<b>Window Section with Vestibule Bundle (QTY 1)</b>			
This bundle will be stenciled with a "WV" and should contain the following items:	Per Bundle		Total
FLOOR, INSULATED	1		1
FLOOR, SINGLE PLY	1		1
FLOOR, VESTIBULE, INSULATED	1		1
FLOOR, VESTIBULE, SINGLE PLY	1		1
ROOF BLANKET ASSY w/ WINDOW	1		1
COVER ASSEMBLY, FABRIC	1		1
VESTIBULE with DOOR	1		1

**TEMPER INVENTORY SHEET  
(BLACK) FOREST GREEN  
16' X 20' MEDICAL TENT, NSN 8340-01-185-2614  
(continued)**

<b>Door Section with Vestibule Bundle (QTY 1)</b>			
This bundle will be stenciled "DV" and should contain following items:	Per Bundle		Total
FLOOR, INSULATED	1		1
FLOOR, SINGLE PLY	1		1
FLOOR, VESTIBULE, INSULATED	1		1
<b>Door Section with Vestibule Bundle (QTY 1) (continued)</b>			
FLOOR, VESTIBULE, SINGLE PLY	1		1
ROOF BLANKET ASSY w/ DOOR	1		1
COVER ASSEMBLY, FABRIC	1		1
VESTIBULE with DOOR	1		1
<b>End Section Bundle (QTY1)</b>			
This bundle is stenciled "E" and should contain the following items:	Per Bundle		Total
TENT FLY 16'	1		1
FABRIC END SECTION	2		2
LINER, END SECTION	2		2
COVER ASSEMBLY, FABRIC	1		1
PARTITION	1		1
PLENUM, END WALL, 16'	1		1
<b>Vestibule Frame Bundle (QTY 1)</b>			
This bundle should contain the following items:	Per Tent		Total
CONTAINER, VESTIBULE (1 each as the main container, 1 packed inside)	2		2
FRAME, VESTIBULE (consists of 2 foot assemblies and 1 arch assembly per Frame)	6		6
<b>Foot Lockers (QTY 1)</b>			
<b>Locker "A"</b>			
This locker is stenciled "A" and should contain the following items:	Per Locker		Total
DISTRIBUTION BOX, ELECTRICAL, "A"	1		1
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5731)	2		2
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5732)	2		2
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5841)	1		1
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5842)	1		1
"T" CABLES # 1-6-6046	4		4
OUTLET, ELECTRICAL	4		4
TECHNICAL MANUAL	1		1
TRUNK LOCKER			



**TEMPER INVENTORY SHEET**  
**(BLACK) FOREST GREEN**  
**16' X 20' MEDICAL TENT, NSN 8340-01-185-2614**  
 (continued)

<b>Pin Containers</b>			
	Per Tent		Total
PIN, STEEL, 12"	26		26
PIN, WOOD, 24"	10		10
CONTAINER, PIN	1		1
<b>Light Sets (QTY 1)</b>			
Each plastic case should contain:	Per Case		Total
(17023) BR 8023-506 (4 tubes per set)	1		1
Strap Assembly, Light	4		4



**TEMPER INFORMATION SHEET  
(BLUE) FOREST GREEN  
16' X 20' CMS TENT, NSN 8340-01-185-2618**

Quantity Authorized: CSH=4 FIELD=1 GEN=4

Quantity Inspected: \_\_\_\_\_

FG NSN	NOMENCLATURE	DT NSN	AUTH	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	8340-01-240-5854	3		
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE		1		PN 1-6-6044-1 (5-4-4146-1)
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE		1		PN 1-6-6044-3 (5-4-4146-3)
8340-01-186-3030	CONTAINER, PIN	8340-01-186-3030	1		
8340-01-186-3029	CONTAINER, VESTIBULE	8340-01-323-2454	2		
8340-01-186-3013	COVER ASSEMBLY, FRAME		2		
8340-01-186-3019	COVER ASSEMBLY, TENT		3		
6110-01-251-0403	DISTRIBUTION BOX, ELECTRIC "B"		1		
8340-01-186-3007	DOOR SILL PURLIN	8340-01-186-3007	2		
8340-01-186-3009	EXTENDER, EAVE	8340-01-186-3009	6		
8340-01-186-3008	EXTENDER, RIDGE	8340-01-186-3008	3		
8340-01-186-3014	FABRIC, END SECTION	8340-01-198-7618	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR		2		
8340-01-186-3025	FLOOR, INSULATED	8340-01-186-3025	2		
8340-01-186-3024	FLOOR, SINGLE PLY	8340-01-186-3024	2		
8340-01-186-3028	FLOOR, VESTIBULE, INSULATED		2		
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY		2		
8340-01-186-3010	FRAME, VESTIBULE	8340-01-186-3010	8		
8340-01-186-3004	HEADER BAR	8340-01-186-3004	3		
6230-01-242-2016	LIGHT, BRUCE	6230-01-242-2016	1		
8340-01-186-3022	LINER, END SECTION	8340-01-186-3022	2		
8340-01-186-3032	PARTITION	8340-01-186-3032	1		
8340-01-823-7451	PIN, TENT, STEEL	8340-01-823-7451	26		
8340-01-261-9751	PIN, TENT, WOOD, 24"	8340-01-261-9751	10		
8340-01-186-3035	PLENUM, END WALL	8340-01-186-3035	1		
8340-01-186-3005	PURLIN	8340-01-186-3005	8		
8340-01-186-3021	ROOF BLANKET ASSY W/ WINDOW		1		
8340-01-186-3020	ROOF BLANKET W/DOOR		1		
6110-01-242-6691	STAND DISTRIBUTION	6110-01-242-6691	1		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT		4		
8340-01-186-3018	TENT FLY, 16'	8340-01-198-5358	1		
N/A	TM 10-8340-224-13&P	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	8460-00-243-3234	1		



**TEMPER INVENTORY SHEET  
(BLUE) FOREST GREEN  
16' X 20' CMS TENT, NSN 8340-01-185-2618**

<b>TENT FRAME PACKAGES (2 Bundles)</b>			
<b>Door Bundle (QTY 1)</b>			
This bundle will be stenciled "DS" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	1		1
HEADER BAR	1		1
DOOR SILL PURLIN	2		2
PURLIN	3		3
EXTENDER, EAVE	2		2
EXTENDER, RIDGE	1		1
COVER ASSEMBLY, FRAME	1		1
FRAME, VESTIBULE	2		2
STAND, DISTRIBUTION	1		1
<b>End Section Bundle (QTY 1)</b>			
This bundle will be stenciled "E" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	2		2
HEADER BAR	2		2
PURLIN	5		5
EXTENDER, EAVE	4		4
EXTENDER, RIDGE	2		2
COVER ASSEMBLY, FRAME	1		1
<b>FABRIC PACKAGES (3 Bundles)</b>			
<b>Window Section with Vestibule Bundle (QTY 1)</b>			
This bundle will be stenciled with a "WV" and should contain the following items:	Per Bundle		Total
FLOOR, INSULATED	1		1
FLOOR, SINGLE PLY	1		1
FLOOR, VESTIBULE, INSULATED	1		1
FLOOR, VESTIBULE, SINGLE PLY	1		1
ROOF BLANKET ASSY w/ WINDOW	1		1
COVER ASSEMBLY, FABRIC	1		1
VESTIBULE with DOOR	1		1



**TEMPER INFORMATION SHEET  
(GREEN) FOREST GREEN  
64' X 20' MEDICAL TENT NSN 8340-01-185-2617**

UNIT/ SECTION: \_\_\_\_\_

TENT#: \_\_\_\_\_

Quantity Authorized: **CSH=18 FIELD=13 GEN=27**

Quantity Inspected: \_\_\_\_\_

Unit Representative: \_\_\_\_\_

Signature/Date: \_\_\_\_\_

FG NSN	NOMENCLATURE	DT NSN	AUT H	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	8340-01-240-5854	9		
6150-01-353-5731	CABLE ASSY SPECIAL PURPOSE		4		PN 1-6-6043-1 (5-4-4145-1)
6150-01-353-5732	CABLE ASSY SPECIAL PURPOSE		4		PN 1-6-6043-2 (5-4-4145-2)
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE		2		PN 1-6-6044-1 (5-4-4146-1)
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE		2		PN 1-6-6044-3 (5-4-4146-3)
6110-01-251-8157	CONVENIENCE OUTLET W/T-CABLE		16		PN 1-6-6046 (5-4-4147)
8340-01-186-3030	CONTAINER, PIN	8340-01-186-3030	4		
8340-01-186-3029	CONTAINER, VESTIBULE	8340-01-323-2454	3		
6150-01-250-6451	CORD, EXTENSION, 33' TYPE II		2		PN 5-4-4148
8340-01-186-3013	COVER ASSEMBLY, FRAME	8340-01-213-9557	8		
8340-01-186-3019	COVER ASSEMBLY, TENT	8340-01-198-7620	11		
6110-01-251-0402	DISTRIBUTION BOX, ELECTRIC "A"		2		
8340-01-186-3007	DOOR SILL PURLIN	8340-01-186-3007	2		
8340-01-186-3035	END WALL PLENUM	8340-01-186-3035	2		
8340-01-186-3009	EXTENDER, EAVE	8340-01-186-3009	18		
8340-01-186-3008	EXTENDER, RIDGE	8340-01-186-3008	9		
8340-01-186-3014	FABRIC, END SECTION	8340-01-198-7618	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR	8340-01-198-7621	3		
8340-01-186-3025	FLOOR, INSULATED	8340-01-186-3025	8		
8340-01-186-3024	FLOOR, SINGLE PLY	8340-01-186-3024	8		
8340-01-186-3028	FLOOR, VESTIBULE, INSULATED		3		

**TEMPER INFORMATION SHEET  
(GREEN) FOREST GREEN  
64' X 20' MEDICAL TENT NSN 8340-01-185-2617  
(continued)**

FG NSN	NOMENCLATURE	DT NSN	AUT H	JI	REMARKS
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY		3		
8340-01-186-3010	FRAME, VESTIBULE	8340-01-186-3010	11		
8340-01-186-3004	HEADER BAR	8340-01-186-3004	9		
6230-01-242-2016	LIGHT, BRUCE	6230-01-242-2016	4		
8340-01-186-3022	LINER, END SECTION	8340-01-186-3022	2		
8340-01-186-3023	LINER, INTERMEDIATE	8340-01-186-3023	6		
8340-01-186-3032	PARTITION	8340-01-186-3032	3		
8340-01-823-7451	PIN, TENT, STEEL	8340-01-823-7451	106		
8340-01-261-9751	PIN, TENT, WOOD, 24"	8340-01-261-9751	54		
8340-01-186-3036	PLENUM, EXTENDIBLE	8340-01-186-3036	2		
8340-01-186-3005	PURLIN	8340-01-186-3005	38		
8340-01-186-3021	ROOF BLANKET ASSY W/ WINDOW		7		
8340-01-186-3020	ROOF BLANKET W/DOOR	8340-01-213-6004	1		
6110-01-242-6691	STAND DISTRIBUTION	6110-01-242-6691	2		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT		16		
8340-01-186-3018	TENT FLY, 16'	8340-01-198-5358	4		
N/A	TM 10-8340-224-13&P	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	8460-00-243-3234	2		



**TEMPER INVENTORY SHEET  
(GREEN) FOREST GREEN  
64' X 20' MEDICAL TENT, NSN 8340-01-185-2617**

Quantity Authorized: **CSH=18    FIELD=13    GEN=27**

Quantity Inspected: \_\_\_\_\_

<b>TENT FRAME PACKAGES (8 Bundles)</b>		
<b>Window Bundles (QTY 6)</b>		
Each bundle will be stenciled with a "W" and should contain the following items:	Per Bundle	Total
ARCH ASSEMBLY	1	6
HEADER BAR	1	6
PURLIN	5	30
EXTENDER, EAVE	2	12
EXTENDER, RIDGE	1	6
COVER ASSEMBLY, FRAME	1	6
<b>Door Bundle (QTY 1)</b>		
This bundle will be stenciled "DS" and should contain the following items:	Per Bundle	Total
ARCH ASSEMBLY	1	1
HEADER BAR	1	1
DOOR SILL PURLIN	2	2
PURLIN	3	3
EXTENDER, EAVE	2	2
EXTENDER, RIDGE	1	1
COVER ASSEMBLY, FRAME	1	1
FRAME, VESTIBULE	2	2
STAND, DISTRIBUTION	2	2
<b>End Section Bundle (QTY 1)</b>		
This bundle will be stenciled "E" and should contain the following items:	Per Bundle	Total
ARCH ASSEMBLY	2	2
HEADER BAR	2	2
PURLIN	5	5
EXTENDER, EAVE	4	4
EXTENDER, RIDGE	2	2
COVER ASSEMBLY, FRAME	1	1
<b>FABRIC PACKAGES (11 Bundles)</b>		
<b>Window Section Bundles (QTY 5)</b>		
Each bundle will be stenciled with a "W" and should contain the following items:	Per Bundle	Total
FLOOR, INSULATED	1	5
FLOOR, SINGLE PLY	1	5
ROOF BLANKET ASSY w/ WINDOW	1	5
COVER ASSEMBLY, FABRIC	1	5

**TEMPER INVENTORY SHEET  
(GREEN) FOREST GREEN  
64' X 20' MEDICAL TENT, NSN 8340-01-185-2617  
(continued)**

<b>Window Section with Vestibule Bundles (QTY 2)</b>		
Each bundle will be stenciled with a "WV" and should contain the following items:	Per Bundle	Total
FLOOR, INSULATED	1	2
FLOOR, SINGLE PLY	1	2
FLOOR, VESTIBULE, INSULATED	1	2
FLOOR, VESTIBULE, SINGLE PLY	1	2
ROOF BLANKET ASSY w/ WINDOW	1	2
COVER ASSEMBLY, FABRIC	1	2
VESTIBULE with DOOR	1	2
<b>Door Section with Vestibule Bundle (QTY 1)</b>		
This bundle will be stenciled "DV" and should contain following items:	Per Bundle	Total
FLOOR, INSULATED	1	1
FLOOR, SINGLE PLY	1	1
FLOOR, VESTIBULE, INSULATED	1	1
FLOOR, VESTIBULE, SINGLE PLY	1	1
ROOF BLANKET ASSY w/ DOOR	1	1
COVER ASSEMBLY, FABRIC	1	1
VESTIBULE with DOOR	1	1
<b>End Section Bundle (QTY2)</b>		
These bundles are stenciled "E" and should contain the following items:	Per Bundle	Total
TENT FLY 16'	2	4
FABRIC END SECTION	1	2
LINER, END SECTION	1	2
COVER ASSEMBLY, FABRIC	1	2
<b>Accessory Bundle (QTY 1)</b>		
This bundle is stenciled "A" and should contain the following items:	Per Bundle	Total
PARTITION	3	3
PLENUM, END WALL, 16'	2	2
PLENUM, EXTENDIBLE, 16'	2	2
COVER ASSEMBLY, FABRIC	1	1
LINER, INTERMEDIATE	6	6
<b>Vestibule Frame Bundle (QTY 1)</b>		
This bundle should contain the following items:	Per Bundle	Total
CONTAINER, VESTIBULE (1 each as the main container, 2 packed inside)	3	3
FRAME, VESTIBULE (consists of 2 foot assemblies and 1 arch assembly per Frame)	9	9
<b>Foot Lockers (QTY 2)</b>		

**TEMPER INVENTORY SHEET  
(GREEN) FOREST GREEN  
64' X 20' MEDICAL TENT, NSN 8340-01-185-2617  
(continued)**

<b>Locker "B"</b>		
This locker is stenciled "B" and should contain the following items:	Per Locker	Total
DISTRIBUTION BOX, ELECTRICAL, "A"	2	2
OUTLET, ELECTRICAL/CONVENIENCE	16	16
TECHNICAL MANUAL	1	1
CORD, EXTENSION, 33', TYPE II	2	2
TRUNK LOCKER	1	2
<b>Locker "C"</b>		
This locker is stenciled "C" and should contain the following items:	Per Locker	Total
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5731)	4	4
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5732)	4	4
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5841)	2	2
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5842)	2	2
"T" CABLES # 1-6-6046	16	16
TRUNK LOCKER	1	1
<b>Pin Containers</b>		
	Per Tent	Total
Wooden box with 100 steel pins (or 2 X 50)	1	1
Canvas Container with 6 steel pins, 12"	1	1
Canvas Container with 27 wood pins	2	2
Extra Container, Pin	1	1
<b>Light Sets (QTY 4)</b>		
Each plastic case should contain:		
Plastic Cases w/Fluorescent Light Sets	Per Case	Total
(17023) BR 8023-506 (4 tubes per set)	4	16
Strap Assembly, Light	4	16



**TEMPER INFORMATION SHEET  
(RED) FOREST GREEN  
64' X 20' SURGICAL NSN 8340-01-185-2616**

Quantity Authorized: **CSH=4 FIELD=2 GEN=4**

Quantity Inspected: \_\_\_\_\_

Unit Representative: \_\_\_\_\_

DATE INSPECTED: \_\_\_\_\_

FG NSN	NOMENCLATURE	DT NSN	AUTH	JI	REMARKS
8340-01-240-5854	ARCH ASSEMBLY	8340-01-240-5854	9		
6150-01-353-5731	CABLE ASSY SPECIAL PURPOSE		4		PN 1-6-6043-1 (5-4-4145-1)
6150-01-353-5732	CABLE ASSY SPECIAL PURPOSE		4		PN 1-6-6043-2 (5-4-4145-2)
6150-01-354-5841	CABLE ASSY SPECIAL PURPOSE		2		PN 1-6-6044-1 (5-4-4146-1)
6150-01-354-5842	CABLE ASSY SPECIAL PURPOSE		2		PN 1-6-6044-3 (5-4-4146-3)
8340-01-186-3030	CONTAINER, PIN	8340-01-186-3030	4		
8340-01-186-3029	CONTAINER, VESTIBULE	8340-01-323-2454	8		
6110-01-251-8157	CONVENIENCE OUTLET W/T-CABLE		16		PN 1-6-6046 (5-4-4147)
6150-01-250-6451	CORD, EXTENSION, 33' TYPE II		2		PN 5-4-4148
8340-01-186-3013	COVER ASSEMBLY, FRAME	8340-01-213-9557	8		
8340-01-186-3019	COVER ASSEMBLY, TENT	8340-01-198-7620	11		
6110-01-251-0402	DISTRIBUTION BOX, ELECTRIC "A"		2		
8340-01-186-3007	DOOR SILL PURLIN	8340-01-186-3007	6		
8340-01-186-3009	EXTENDER, EAVE	8340-01-186-3009	18		
8340-01-186-3008	EXTENDER, RIDGE	8340-01-186-3008	9		
8340-01-186-3014	FABRIC, END SECTION	8340-01-198-7618	2		
8340-01-186-3026	FABRIC, VESTIBULE W/DOOR	8340-01-198-7621	8		
8340-01-186-3025	FLOOR, INSULATED	8340-01-186-3025	8		
8340-01-186-3024	FLOOR, SINGLE PLY	8340-01-186-3024	8		
8340-01-186-3028	FLOOR, VESTIBULE, INSULATED		8		
8340-01-186-3027	FLOOR, VESTIBULE, SINGLE PLY		8		
8340-01-186-3010	FRAME, VESTIBULE	8340-01-186-3010	30		
8340-01-186-3004	HEADER BAR	8340-01-186-3004	9		
6230-01-242-2016	LIGHT, BRUCE	6230-01-242-2016	4		
8340-01-186-3022	LINER, END SECTION	8340-01-186-3022	2		
8340-01-186-3023	LINER, INTERMEDIATE	8340-01-186-3023	6		
8340-01-186-3032	PARTITION	8340-01-186-3032	3		
8340-01-823-7451	PIN, TENT, STEEL	8340-01-823-7451	106		
8340-01-261-9751	PIN, TENT, WOOD, 24"	8340-01-261-9751	54		
8340-01-186-3035	PLENUM, END WALL	8340-01-186-3035	2		
8340-01-186-3036	PLENUM, EXTENDIBLE	8340-01-186-3036	2		
8340-01-186-3005	PURLIN	8340-01-186-3005	34		
8340-01-186-3021	ROOF BLANKET ASSY W/ WINDOW		5		
8340-01-186-3020	ROOF BLANKET W/DOOR	8340-01-213-6004	3		
6110-01-242-6691	STAND DISTRIBUTION	6110-01-242-6691	2		
8465-01-220-1419	STRAP ASSY, LIGHT SUPPORT		16		
8340-01-186-3018	TENT FLY, 16'	8340-01-198-5358	4		
N/A	TM 10-8340-224-13&P	N/A	1		
8460-00-243-3234	TRUNK, LOCKER	8460-00-243-3234	2		



**TEMPER INVENTORY SHEET  
(RED) FOREST GREEN  
64' X 20' SURGICAL TENT, NSN 8340-01-185-2616**

Quantity Authorized: **CSH=4 FIELD=2 GEN=4**

Quantity Inspected: \_\_\_\_\_ Unit Representative: \_\_\_\_\_

Signature/Date: \_\_\_\_\_

<b>TENT FRAME PACKAGES (8 Bundles)</b>			
<b>Window Bundles (QTY 4)</b>			
Each bundle will be stenciled with a "W" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	1		4
HEADER BAR	1		4
PURLIN	5		20
EXTENDER, EAVE	2		8
EXTENDER, RIDGE	1		4
COVER ASSEMBLY, FRAME	1		4
<b>Door Bundle (QTY 3)</b>			
Two of these bundles will be stenciled "D". The third one will be stenciled "DS".	Per Bundle		Total
ARCH ASSEMBLY	1		3
HEADER BAR	1		3
DOOR SILL PURLIN	2		6
PURLIN	3		9
EXTENDER, EAVE	2		6
EXTENDER, RIDGE	1		3
COVER ASSEMBLY, FRAME	1		3
FRAME, VESTIBULE	2		6
STAND, DISTRIBUTION (Found ONLY in "DS" bundle.)	2		2
<b>End Section Bundle (QTY 1)</b>			
This bundle will be stenciled "E" and should contain the following items:	Per Bundle		Total
ARCH ASSEMBLY	2		2
HEADER BAR	2		2
PURLIN	5		5
EXTENDER, EAVE	4		4
EXTENDER, RIDGE	2		2
COVER ASSEMBLY, FRAME	1		1

**TEMPER INVENTORY SHEET**  
**(RED) FOREST GREEN**  
**64' X 20' SURGICAL TENT, NSN 8340-01-185-2616**  
(continued)

<b>FABRIC PACKAGES (11 Bundles)</b>			
<b>Window Section with Vestibule Bundles (QTY 5)</b>			
Each bundle will be stenciled with a "WV" and should contain the following items:	Per Bundle		Total
FLOOR, INSULATED	1		5
FLOOR, SINGLE PLY	1		5
FLOOR, VESTIBULE, INSULATED	1		5
FLOOR, VESTIBULE, SINGLE PLY	1		5
ROOF BLANKET ASSY w/ WINDOW	1		5
COVER ASSEMBLY, FABRIC	1		5
VESTIBULE with DOOR	1		5
<b>Door Section with Vestibule Bundle (QTY 3)</b>			
This bundle will be stenciled "DV" and should contain following items:	Per Bundle		Total
FLOOR, INSULATED	1		3
FLOOR, SINGLE PLY	1		3
FLOOR, VESTIBULE, INSULATED	1		3
FLOOR, VESTIBULE, SINGLE PLY	1		3
ROOF BLANKET ASSY w/ DOOR	1		3
COVER ASSEMBLY, FABRIC	1		3
VESTIBULE with DOOR	1		3
<b>End Section Bundle (QTY2)</b>			
These bundles are stenciled "E" and should contain the following items:	Per Bundle		Total
TENT FLY 16'	2		4
FABRIC END SECTION	1		2
LINER, END SECTION	1		2
COVER ASSEMBLY, FABRIC	1		2



**TEMPER INVENTORY SHEET**  
**(RED) FOREST GREEN**  
**64' X 20' SURGICAL TENT, NSN 8340-01-185-2616**  
(continued)

<b>Accessory Bundle (QTY 1)</b>			
This bundle is stenciled "A" and should contain the following items:	Per Bundle		Total
PARTITION	3		3
PLENUM, END WALL, 16'	2		2
PLENUM, EXTENDIBLE, 16'	2		2
COVER ASSEMBLY, FABRIC	1		1
LINER, INTERMEDIATE	6		6
<b>Vestibule Frame Bundle (QTY 2)</b>			
These bundles should contain the following items:	Per Bundle		Total
CONTAINER, VESTIBULE (1 each as the main container, 3 packed inside.)	4		8
FRAME, VESTIBULE (Consists of 2 foot assemblies and 1 arch assembly per Frame)	12		24
<b>Foot Lockers (QTY 2)</b>			
<b>Locker "B"</b>			
This locker is stenciled "B" and should contain the following items:	Per Locker		Total
DISTRIBUTION BOX, ELECTRICAL, "A"	2		2
OUTLET, ELECTRICAL/CONVENIENCE	16		16
TECHNICAL MANUAL	1		1
CORD, EXTENSION, 33', TYPE II	2		2
TRUNK LOCKER	1		1
<b>Locker "C"</b>			
This locker is stenciled "C" and should contain the following items:	Per Locker		Total
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5731)	4		4
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-353-5732)	4		4
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5841)	2		2
CABLE ASSY SPECIAL PURPOSE (NSN 6150-01-354-5842)	2		2
"T" CABLES # 1-6-6046	16		16
TRUNK LOCKER	1		1

**TEMPER INVENTORY SHEET**  
**(RED) FOREST GREEN**  
**64' X 20' SURGICAL TENT, NSN 8340-01-185-2616**  
 (continued)

<b>Pin Containers</b>			
Wooden box with 100 steel pins (or 2 X 50)	1		1
Canvas Container with 6 steel pins, 12"	1		1
Canvas Container with 27 wood pins	2		2
Extra Container, Pin	1		1
<b>Light Sets (QTY 4)</b>			
Each plastic case should contain:			Total
(17023) BR 8023-506 (4 tubes per set)	4		16
Strap Assembly, Light	4		16

# **INVENTORY SHEET 1** **DEPMEDS WATER DISTRIBUTION SYSTEM**

Unit: \_\_\_\_\_ Date: \_\_\_\_\_

Fresh Water Nomenclature	Part Number	Crate 1		Crate 2		Crate 3		TOTAL	
		AUTH	JI	AUTH	JI	AUTH	JI	JI	SHRT
<b>Carrier, Component</b>	13229E7185-1	2		1		1			
Carrier, Hose	13229E7186-1	2		3		2			
Nozzle Assy.	13229E7168	4		2		2			
Stand Assy	13229E9140	4		4		0			
Hose, 1" x 5'	13225E9136-14	10		11		8			
Gate Valve Assy.	13229E167	19		10		9			
Tee Assy.	13229E7172	10		5		5			
Hose, 1.5"m x 10'	13225E9136-9	6		7		5			
Hose, 1.5" x 20'	13225E9136-10	8		8		6			
Hose 1.5 x 5'	13225E9136-17	2		1		0			
Coupling Assy.	13229E7173	7		3		4			
Tee Assy.	13229E7174	10		5		6			
Adapter Assy.	13229E7170	8		4		5			
Valve Assy.	13229E7169	2		1		0			
Hose, 1" x 10'	13225E9136-12	5		6		5			
Hose, 1" x 20'	13225E9136-13	6		7		5			
Hose, 1" x 50'	13225E9136-15	2		5		3			
Pressure Gauge	13229E7162	0		0		1			
Tee Assy.	13229E7182	0		1		0			
Valve Assy.	13229E7177	2		41		2			
Valve Assy.	13229E7178	3		1		1			
Suction Hose	13225E9135-9	2		1		0			
Tee Assy.	13229E7181	0		1		0			
Strainer	13229E7180	0		0		1			
Pump Assy. Centrifugal	13229E7159	0		0		1			
Flow Meter	13229E7165	0		0		1			
Flow Indicator	13229E7163	0		0		2			
Case, DEPMEDS	13229E7189	0		0		1			
Spare Strainer Screen		0		0		1			
Spare Strainer Gaskets		0		0		5			

## INVENTORY SHEET 1

**DEPMEDS WATER DISTRIBUTION SYSTEM**  
(continued)

UNIT: \_\_\_\_\_ DATE: \_\_\_\_\_

Fresh Water Nomenclature	Part Number	Crate 4		Crate 5		Crate 6		TOTAL	
		AUTH	JI	AUTH	JI	AUTH	JI	JI	SHRT
Carrier Component	13229E7185-2	0		1		0			
Carrier Hose	13229E7186-2	3		1		2			
Hose, 1" x 5'	13229E9223-1	0		14		0			
Hose, 1" x 10'	13229E7223-2	18		6		12			
Hose, 1" x 20'	13229E7223-3	27		9		18			
Hose, 1" x 60'	13229E7223-4	6		2		4			
Hose, Drain	13229E7226	0		21		0			
Funnel Assy.	13229E7229	1		0		1			
Stand Assy.	13229E9140	1		0		0			
Ball Valve Assy.	1322E7225	0		2		0			
Adapter, Sink	13229E7224	0		11		0			
Coupling Universal	WWC633-16-M	0		31		0			
Pump Assy. Diaphragm	13229E7221	0		2		1			

Inspected By: \_\_\_\_\_  
 Unit Representative \_\_\_\_\_  
 Signature: \_\_\_\_\_

## INVENTORY SHEET 2

### DEPMEDS WATER DISTRIBUTION SYSTEM

Unit: \_\_\_\_\_

Date: \_\_\_\_\_

Nomenclature Accessory Kit	Part Number	Crate 7					Crate 8		
		AUTH	JI	SHRT			AUTH	JI	SHRT
Carrier Hose	13229E7186-1	2			Carrier, Hose	13229E7186-2	1		
Carrier Component	13229E7185-1	1			Carrier Component	13229E7185-2	1		
Nozzle Assy.	13229E7168	1			Funnel Screen	13229E7228	2		
Hose, 1" x 5'	13225E9136-14	5			Pump Assy. Centrifugal	13229E7159	1		
Gate Valve Assy.	13229E7167	4			Hose 1" x 5'	13229E7223-1	4		
Tee Assy.	13229E7172	2			Hose 1" x 10'	13229E7223-2	8		
Hose, 1.5' x 10'	13225E9136-9	3			Hose 1" x 20'	13229E7223-3	10		
Hose, 1.5" x 20'	13225E9136-10	2			Hose 1" x 60'	13229E7223-4	2		
Hose, 1.5 x 5'	13225E9136-17	1			Hose, Drain	13229E7226	5		
Coupling Assy.	13229E7173	3			Pump Assy. Diaphragm	13229E7221	1		
Tee Assy.	13229E7174	4			Repair Kit	EDSON	4		
Adapter Assy.	13229E7170	4			Adapter, Sink	13229E7224	4		
Valve Assy.	13229E7169	1			Coupling	WWC633-16-M	10		
Hose, 1" x 10'	13225E9136-12	5			Coupling	WWC633-05-M	4		
Hose, 1" x 20'	13225E9136-13	10			Coupling	WWC633-15-M	2		
Hose, 1" x 50'	13225E9136-15	2			Ball Valve Assy.	13229E7225	1		
Tee Assy.	13229E7182	1			Comparator, Color	6630010440344	1		
Valve Assy.	13229E7177	1			Instruction Manual	N/A	1		
Valve Assy.	13229E7178	1			Channel, Surface	13229E7176	5		
Suction Hose	13225E9135-9	1			Channel, Subsurface	13229E7175	5		
Tee Assy.	13229E7181	1			Tool Box 3	GG	1		
Pipe Fitting	13229E7191-10	5			Grease Gun	N/A	1		
Pipe Fitting	13229E7191-11	4			Lubricant	N/A	3		
Pipe Fitting	13229E7191-13	5			Packing	MIL-T-11719	20		
Pipe Fitting	13229E7191-14	4							
Pipe Fitting	13229E7191-26	5							
Pipe Fitting	13229E7191-27	4							
Pipe Fitting	13229E7191-28	5							
Pipe Fitting	13229E7191-29	4							
Adapter	13229E7190	1							
Pipe Assy. Centrifugal	13229E7159	1							
Case, DEPMEDS	13229E7189	1							
Flow Meter	13229E7165	1							

**INVENTORY SHEET 2**  
**DEPMEDS WATER DISTRIBUTION SYSTEM**  
(continued)

Unit: \_\_\_\_\_

Date: \_\_\_\_\_

Crate 7					Crate 8				
<b>Nomenclature</b>	<b>Part Number</b>	<b>AUTH</b>	<b>JI</b>	<b>SHRT</b>	<b>Nomenclature</b>	<b>Part Number</b>	<b>AUTH</b>	<b>JI</b>	<b>SHRT</b>
<b>Accessory Kit</b>					<b>Accessory Kit</b>				
Flow Indicator	13229E7163	1			Carrier, Hose	13229E7186-2	1		
Pressure Gauge	13229E7162	1			Carrier Component	13229E7185-2	1		
Spare Strainer Screen		1			Funnel Screen	13229E7228	2		
Tool Box 1	N/A	1			Pump Assy. Centrifugal	13229E7159	1		
Pipe Wrench	N/A	2			Hose 1" x 5'	13229E7223-1	4		
Hammer	N/A	1			Hose 1" x 10'	13229E7223-2	8		
Hack Saw	N/A	1			Hose 1" x 20'	13229E7223-3	10		
Hack Saw Blades	N/A	10			Hose 1" x 60'	13229E7223-4	2		
Screw Driver	N/A	1			Hose, Drain	13229E7226	5		
Pliers	N/A	1			Pump Assy. Diaphragm	13229E7221	1		
Duct Tape	N/A	2			Repair Kit	EDSON	4		
File Handles	N/A	2			Adapter, Sink	13229E7224	4		
File, Half Round	N/A	1			Coupling	WWC633-16-M	10		
File, Flat	N/A	1			Coupling	WWC633-05-M	4		
Tool Box 2	N/A	1			Coupling	WWC633-15-M	2		
Gasket 1"	MS27030-3	20			Ball Valve Assy.	13229E7225	1		
Gasket 1.5"	MS27030-5	20			Comparator, Color	6.63001E+12	1		
Tape, TEFLON	N/A	5			Instruction Manual	N/A	1		
Hose Clamps	N/A	100			Channel, Surface	13229E7176	5		
Hose Clamp Tool	N/A	1			Channel, Subsurface	13229E7175	5		
Ring Split	13227E6160-16	20			Tool Box 3	GG	1		
Gasket 2"	MS27030-6	10			Grease Gun	N/A	1		
Gasket 4"	MS27030-7	1			Lubricant	N/A	3		
Air Ring Clips	DIXON A K 1	50			Packing	MIL-T-11719	20		

Inspected By:  
Unit Representative \_\_\_\_\_

Signature: \_\_\_\_\_

## GLOSSARY FOR SB 8-75-S4

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<u>Acronym</u>	<u>Explanation</u>
AAC	Acquisition Advice Code
AAC-L	Acquisition Advice Code Local Purchase non-Stocked Items
ACSLOG	Assistant Chief of Staff for Logistics
AMEDD	Army Medical Department
AR	Army Regulation
ARNG	Army National Guard
ASIOE	Associated Support Items of Equipment
ATRRS	Army Training Requirements and Resources System
 BII	 Basic Issue Items
 CAGE	 Contractor/Commercial and Government Entity
CARC	Chemical Agent Resistance Compound
CONUS	Continental United States
CSC	Convention for Safe Containers
CSH	Combat Support Hospital
 DA	 Department of the Army
DD	Defense Department
DEPMEDS	Deployable Medical Systems
DISE	Distribution Illumination Systems Electrical
DOD	Department of Defense
DOL	Directorate of Logistics
DTS	Defense Transportation System
 ECU	 Environmental Control Unit
 FEDLOG	 Federal Logistics Record
 GPM	 Ground Precautionary Message
GS	General Support
 HAZ-MAT	 Hazardous Material
 IAW	 In Accordance With
IMM	Integrated Materiel Manager
ISO	International Standardization Organization
IV	Intravenous
 JRTC	 Joint Readiness Training Center
 kw	 Kilowatts
 LAR	 Logistical Assistance Representative
LAV	Logistics Assistance Visit
LIN	Line Item Number

GLOSSARY FOR SB 8-75-S4

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<u>Acronym</u>	<u>Explanation</u>
MEDLOG	Medical Logistics System
MILVAN	Military-Owned De-mountable Container
MMS	Medical Materiel Sets
NSN	National Stock Number
NTC	National Training Center
OCONUS	Outside Continental United States
OR	Operating Room
PMCS	Preventive Maintenance Checks and Services
POC	Point of Contact
QDR	Quality Deficiency Report
RPSTL	Repair Parts and Special Tools List
RTCH	Rough Terrain Cargo Handler
RTS-MED	Reserve Training Site Medical
SMART	Special Management Augmentation Reaction Teams
SOUN	Safety of Use Message
TACOM	Transportation Command
TDY	Temporary Duty
TEMPER	Tent, Extendable, Modular, Personnel
TM	Technical Manual
TMDE	Test, Measurement and Diagnostic Equipment
TT	Total Time
USAH	United States Army Hospital
USAH/U	United States Army Hospital / Unit
USAMMA	United States Army Medical Materiel Agency
USAREUR	United States Army, Europe
VHS	Vertical Helix Scan



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By Order of the Secretary of the Army:

ERIC K. SHINSEKI  
General, United States Army  
Chief of Staff

Official:

  
JOEL B. HUDSON  
*Administrative Assistant to the  
Secretary of the Army*

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